

E. PRATT.
ARTIFICIAL NIPPLE.

No. 4,131.

Patented Aug. 4, 1845.

Fig. 1. Fig. 2.

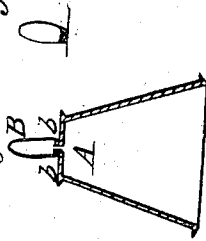


Fig. 4.

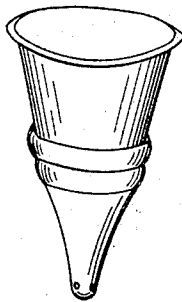
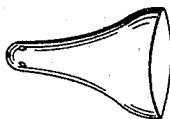


Fig. 3.



Inventor:
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UNITED STATES PATENT OFFICE.

ELIJAH PRATT, OF NEW YORK, N. Y.

ARTIFICIAL NIPPLE.

Specification forming part of Letters Patent No. 4,131, dated August 4, 1845; Antedated July 4, 1845; Reissued July 24, 1847, No. 98.

To all whom it may concern:

Be it known that I, ELIJAH PRATT, of the city and State of New York, have invented a new and useful Instrument for
5 Protecting Sore Nipples, by which an infant can draw the breast without pain-
ing its mother; and I hereby declare that the following is a full and exact description of the same, reference being had to the an-
10 nexed drawings, making a part of this specification.

Figure 1, is a section of the improved artificial nipple. It is made of wood, tin, glass, silver or other suitable material. In
15 figure and dimensions it resembles other devices of the kind, being made conical with the wide end open the edge being shaped as to press upon without injuring the breast. The small end is closed with the exception
20 of a minute perforation in the center shown at A Fig. 1. The material around the perforation projects as shown at *b, b*, Fig. 1, so as to form a tube of about $\frac{1}{8}$ th of an inch in length over which is attached by ligatures
25 or silver wire, a tube of india rubber (see B, Fig. 1 and Fig. 2) about half an inch in length. This last tube is constructed of a flat piece of india rubber cut square at one end and conical at the other. It is then per-
30 forated through its thickness in the direction of its length so as to leave a slit on its upper end and the lower end having an opening large enough to fit upon the projecting part of the nipple *b, b*, Fig. 1. It can also be con-

35 structed by cutting a piece of india rubber of suitable dimensions through its thickness, lengthwise. The sides are then cemented together and pressed. The form is the same as the last described. The tube is designed
40 to perform the purpose of a valve, by allowing the lips of it to close at the end of every inspiration.

Fig. 2 represents the tube with the lips partly open. Fig. 3, is an india rubber sheath designed to slip over the smaller end
45 of Fig. 1 as represented at Figs. 3 and 4.

The contractile sheet is to be drawn sufficiently over the projecting edge of Fig. 1, as to form an airtight joint without ligatures. The advantage of this nipple is that it re-
50 mains attached to the breast when the child temporarily ceases to draw, the lips of the valve closing at the end of every inspiration, thereby preventing the entrance of air destroying the partial vacuum within. When
55 the instrument is to be removed, the sheath is slipped off and the lips opened by pressing the edges with the fingers, only pressing the breast so as to admit the outward air into
60 the vacuum.

What I claim as my invention, and desire to secure by Letters Patent is—

The combination of a valve with artificial nipples, as herein set forth.

ELIJAH PRATT.

Witnesses:

EDWD. JONES,

MICHAEL ATKINSON.