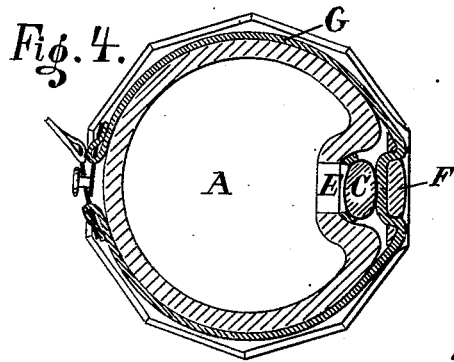
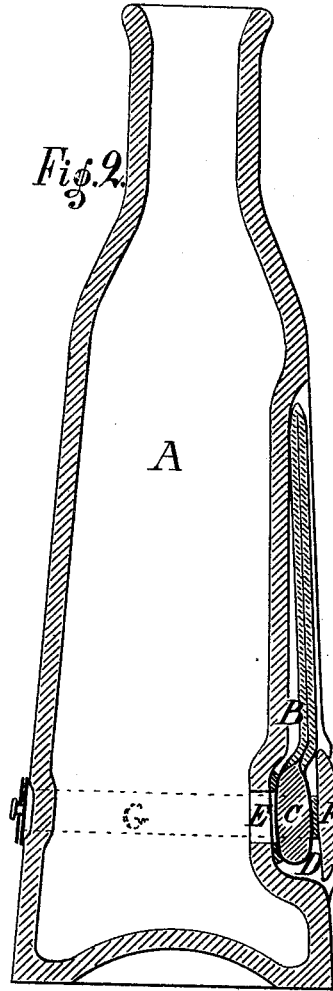
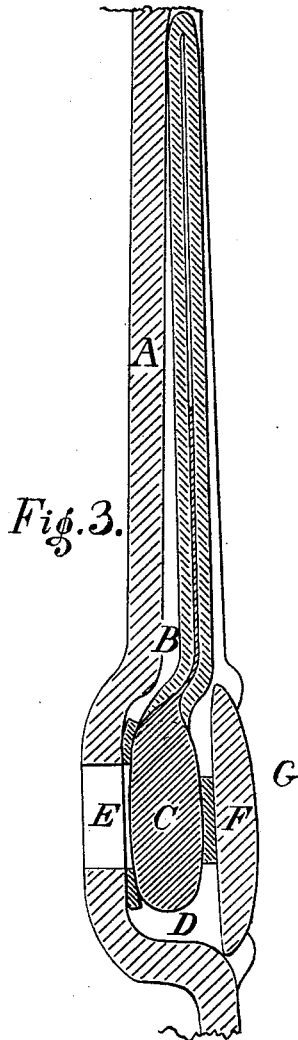
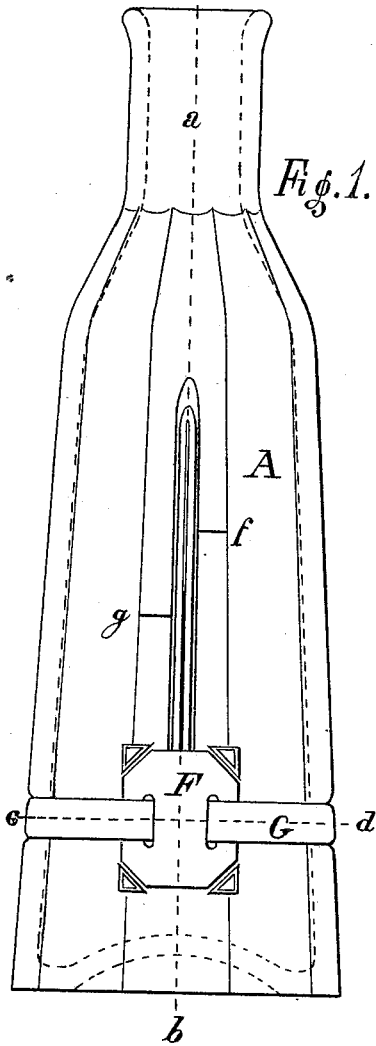


L. MEYER.
Nursing-Bottles.

No. 197,156.

Patented Nov. 13, 1877.



Witnesses:
J. Withelmi.
J. v. Ebertay

Inventor:
Ludwig Meyer
per Carl F. Durchhandt
Atty.

UNITED STATES PATENT OFFICE

LUDWIG MEYER, OF BERLIN, PRUSSIA.

IMPROVEMENT IN NURSING-BOTTLES.

Specification forming part of Letters Patent No. 197,156, dated November 13, 1877; application filed April 13, 1877.

To all whom it may concern:

Be it known that I, LUDWIG MEYER, of the city of Berlin, Prussia, Germany, have invented a new and Improved Nursing-Bottle, which invention is fully set forth in the following specification, reference being had to the accompanying drawing, in which—

Figure 1 shows a front elevation of the bottle; Fig. 2, a vertical section in the line *a b*; Fig. 3, a portion of the same section, enlarged; Fig. 4, a horizontal section in the line *c d*.

The object of my invention is to construct a simple and convenient apparatus for determining the right temperature of the nursing-fluid in a nursing-bottle; and it consists in a novel combination of a thermometer with a singularly-formed nursing-bottle.

For this purpose I have cast or formed the glass bottle A with a shallow longitudinal indentation, B, along one of its straight sides, the lower end D of which indentation is enlarged wide and deep enough to receive the bulb C of a thermometer, the pipe of which is bent, and lies snugly in the indentation B, so as not to protrude above the surface of the bottle.

In the center of the enlargement D is provided a hole or vent, E, as a communication between the inside of the bottle A and the bulb C of the thermometer.

For the purpose of securing the thermometer to its place, a shield, F, of any suitable material, and fitting loosely in the mouth of the enlargement D, is pressed to the bulb C by a rubber band, G, encircling the bottle A in an annular indentation, and drawn through or fastened to the shield F in such way that it forms a cushion between the shield F and the bulb C, and, to prevent any leakage, a rubber washer is arranged between the bulb C and the bottom of the enlargement D, which does

not prevent the fluid in the bottle A coming in contact with the bulb C.

The rubber band G may be formed in ring-shaped piece, or, as shown in the drawing with its ends hooked together by a clamlock.

To simplify the use of the apparatus, the available highest and lowest temperature is marked on the bottle A at *f* and *g*.

The band G, with the shield F, the thermometer, and the rubber washer, can be removed for cleaning the bottle A, and as easily applied to it and adjusted for use the most inexperienced nurse.

It is evident that the rubber band G the shield F may be varied in shape or material, as may be the bottle itself.

I know that the combination of a thermometer and a nursing-bottle is not new; it was before effected only in such manner that the removal of the thermometer for cleaning purposes was very difficult and troublesome, causing, in most cases, the breaking of the thermometer. It is the very handy removal and fixing back to its place of the latter which is the object I have accomplished by my invention.

What I claim is—

The combination of a nursing-bottle constructed with suitable recesses, and a vent-hole, and a thermometer, and the shield F, and a rubber band, G, or its equivalent, substantially in the manner shown, and for the purpose set forth.

This specification signed by me this 5th of March, 1877.

LUDWIG MEYER

Witnesses:

CARL T. BURCHARDT,
BERTHOLD ROE.