C. KLAUBERG.

NURSING BOTTLE HOLDER.

APPLICATION FILED NOV. 25, 1914.

1,158,059. Patented Oct. 26, 1915.

Fig. 2.

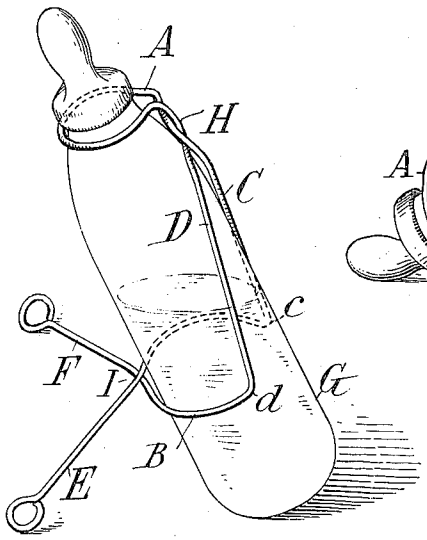


Fig. 1.

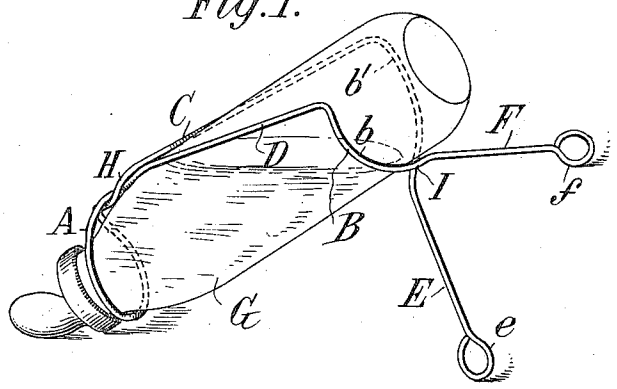


Fig. 3.

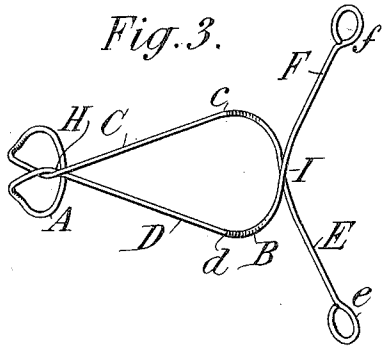


Fig. 4.

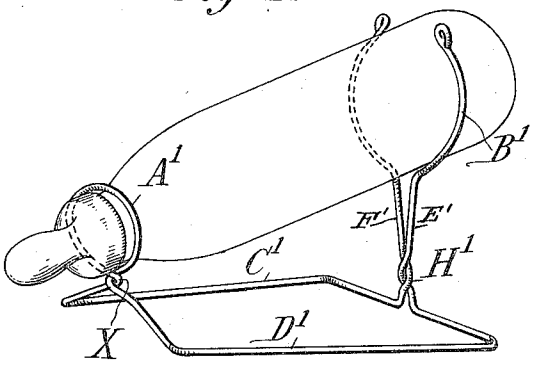
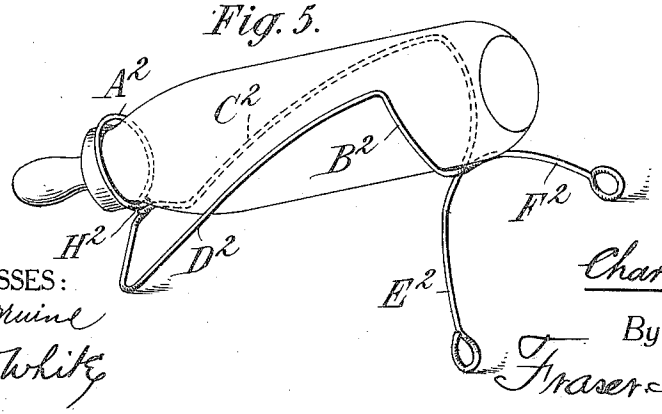


Fig. 5.



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NURSING-BOTTLE HOLDER.

1,158,059. Specification of Letters Patent. Patented Oct. 26, 1915.

Application filed November 25, 1914. Serial No. 873,975.

To all whom it may concern:

Be it known that I, CHARLES KLAUBERG, a citizen of the United States of America, residing in borough of Manhattan, city, county, and State of New York, have invented certain new and useful Improvements in Nursing-Bottle Holders, of which the following is a specification.

My invention relates to devices for holding nursing bottles for babies, and has for its object to provide a holder for such articles wherein the bottle is clamped and firmly held in position for the baby to be fed therefrom, and which also provides a support whereby the bottle may if desired be raised to inoperative position, so that the milk will not be spilled therefrom.

To this end my invention consists in a support formed preferably of wire, and having annular supporting portions for the neck and body, one of which at least should be spring-pressed so as to open for the insertion of the bottle and to firmly clamp the same when inserted, and in providing the said support with portions which project outwardly at or near the body support, and which provide means whereby the bottle may be sustained in operative or inoperative positions.

Desirable forms in which my invention may be embodied are illustrated in the accompanying drawings, wherein,—

Figure 1 illustrates in perspective a view of one embodiment of my bottle holder applied to a bottle in operative position. Fig. 2 is a like view in inoperative position. Fig. 3 is a top view thereof. Figs. 4 and 5 are perspective views of other forms, illustrating the same in operative positions.

According to my invention the bottle support is made of wire, and by this term I do not choose to limit myself to a wire which is strictly round in cross-section as other shapes may be employed for this purpose. The material of which the holder will be constructed is preferably of some metal having a slight spring-like tendency, for which purpose iron or steel may well be employed. The holder is illustrated in the various views presented as being formed of a single piece of wire, and for the purposes of economy, strength and durability, I prefer this, but I do not consider that my invention limits me to such use. I form the said wire into two annular or curved supports, the forward one of which A is the support for the bottle neck, and the rear one of which B is the support for the body of the bottle. These two supports are connected by wires C D, each one of which is connected to the forward support A, and to one side of the rear support B. The wires which form the sides of the curved rear supports B project away from the bottle in a substantially lateral direction as legs E F, and these are intended as a support for the bottle, whereby the rear portion of the bottle may be elevated when the same is in the operative position of Figs. 1, 4 and 5, and these legs will likewise support the bottle when the same has its mouth raised to the inoperative position of Fig. 2. I prefer that these legs should diverge from the bottle body, so as thereby to provide a broad and substantial base to support the bottle, and accordingly the wires after forming the sides of the body support B cross one another and extend in diverging lines. The ends of the wires are free, and as the wire has a slight spring tendency, this enables the sides of the rear support B to be pressed away from one another for the insertion of the bottle G, and when the said bottle is inserted they are clamped to the same with sufficient force by reason of said spring tendency to firmly hold the bottle in the support.

A desirable form of my invention is illustrated in Figs. 1 and 2. Here the neck support extends downwardly from the connecting frames C D and the wires after forming the said depending support A cross one another at H, thereby furnishing a fixed support for the wires C D by reason of which their spring tendency is employed to its greatest extent. The said wires C D extending rearwardly from the crossing point H are represented as diverging slightly, although this is not essential. When the said wires do diverge they present a V-shaped opening which slightly assists in the insertion of the bottle. In this form the wires C D are bent downward at *c d* to form the sides *b b*^{1} of the rear or body support B, and the wires then cross one another at I, and flare or diverge to form the legs E F terminating in enlarged bases or feet *e f* formed by bending the wire back upon itself.

In the form of Fig. 4 the wire after being bent to form the neck support A^1 is bent downward and outward, crossing at X, and

the portions C^1 D^1 are then bent rearwardly to form a base, at the rear end of which the wires are bent inwardly and toward each other and pass around each other at H^1, whereby the wires are rigidly attached near the rear support and their spring clamping effect is increased. From the cross H^1 the wires are bent upwardly to form the legs E^1 F^1, at the ends of which the said respective wires are bent to form the rear support B^1. In this form also the legs E^1 F^1 hold the rear of the bottle elevated when in operative position, and will likewise support the bottle when raised to the position of Fig. 2.

In the form of Fig. 5 the forward bottle neck support A^2 extends upwardly from the wires C^2 D^2 which are crossed at H^2 immediately below the neck support. The said wires then extend upwardly to a point nearly to the top of the bottle, and then are bent downwardly as in Fig. 1, forming the rear support B^2 and the rear legs E^2 F^2.

It will be seen, therefore, from the several ways in which my invention may be constructed and from other ways which will be apparent to a person skilled in the art that my invention is not necessarily limited to the particular forms in which I have illustrated the same, nor yet to the particular material employed, nor the shape thereof, as such form, material and shape may be changed, and equivalent devices substituted within the limits of the appended claims.

What I claim is:—

1. A bottle holder, formed of wire and comprising a pair of connected curved supports, one of said supports adapted to receive the bottle neck, and the other the bottle body, the bottle neck support being formed as a ring with wires crossing each other near the ring, whereby the said support is substantially inexpansible, the body support being spring-pressed and adapted to open to receive the bottle and to press against the bottle when inserted and clamp the same, and a supporting portion extending substantially laterally from near the body support, and adapted to support the bottle in operative or inoperative position.

2. A bottle holder formed of a single piece of wire bent to annular form to support the bottle neck, the wires being secured to each other near said support whereby the said support is substantially inexpansible, and the wires then bent in a rearward direction and each end bent to curved form to form one side of a curved support for the bottle body and having portions projecting from each side of said latter support substantially laterally to form a support for the bottle, whereby the bottle may be held with its mouth lowered to operative position or raised to inoperative position, the ends of the wires forming the sides of the body support being free, and having a spring tendency, whereby said support may be opened to insert the bottle and will firmly clamp the bottle when inserted.

3. A bottle holder formed of a single piece of wire bent to annular form to provide a bottle-neck support, the ends thereof passed around each other and extending rearwardly and being then bent downwardly and curved toward each other to provide a body support, and said ends then extending outward to provide a support whereby the bottle may be held with its mouth lowered to operative position or raised to inoperative position, the ends of the wires forming the sides of the body support being free, and having a spring tendency, whereby said support may be opened to insert the bottle and will firmly clamp the bottle when inserted.

4. A bottle holder formed of a single piece of wire bent to annular form to provide a bottle neck support, the ends thereof passed around each other and extending rearwardly and being then bent downwardly and curved toward each other to provide a body support, and said ends then crossing each other and extending outwardly from the bottle in diverging lines to provide a support, whereby the bottle may be held with its mouth lowered to operative position or raised to inoperative position, the ends of the wires forming the sides of the body support being free and having a spring tendency, whereby said support may be opened to insert the bottle and will firmly clamp the bottle when inserted, and each of said free ends bent to produce an enlarged base.

5. A bottle holder formed of a single piece of wire bent to form a pair of connected curved bottle supports, the forward support adapted to receive the bottle neck, and the rear support the bottle body, the said wires being secured together before being bent to form the rear support a short distance from said support and having free ends and a spring tendency, whereby the said wires may be sprung apart at the rear support to insert the bottle therein, and will spring against and firmly clamp the same, and the wires forming said bottle holder being extended laterally at or near said rear support forming a base adapted to support said bottle in operative position with its mouth lowered or in inoperative position with its mouth raised.

6. A bottle holder formed of a single piece of wire bent to annular form to provide a bottle neck support, the ends thereof passed around each other and extending outwardly and downwardly and being then bent and extending rearwardly and upwardly to a point above the middle of the bottle and said wires being then bent downwardly and toward each other in curved form passing each other and their free ends diverging and extending laterally away from the bottle

whereby the said rear support may be opened and the said wire possessing sufficient spring action to permit the same to close and securely clamp the bottle when inserted, and the free ends of said wires forming a support for holding the rear end of the bottle raised when the bottle is in operative position and for holding the said bottle upright when it is in inoperative position.

7. A bottle holder formed of a single piece of wire, having a bottle neck support at one end thereof formed of a substantially inexpansible ring and the wire at the other end being bent to form a curved body support, the respective sides of which have spring action relative to one another, and the wires being extended laterally from said body support, forming a base adapted to elevate the rear of the bottle when the latter is in operative position, and to support the bottle when in inoperative position.

In witness whereof, I have hereunto signed my name in the presence of two subscribing witnesses.

CHARLES KLAUBERG.

Witnesses:
HENRY M. TURK,
FRED WHITE.