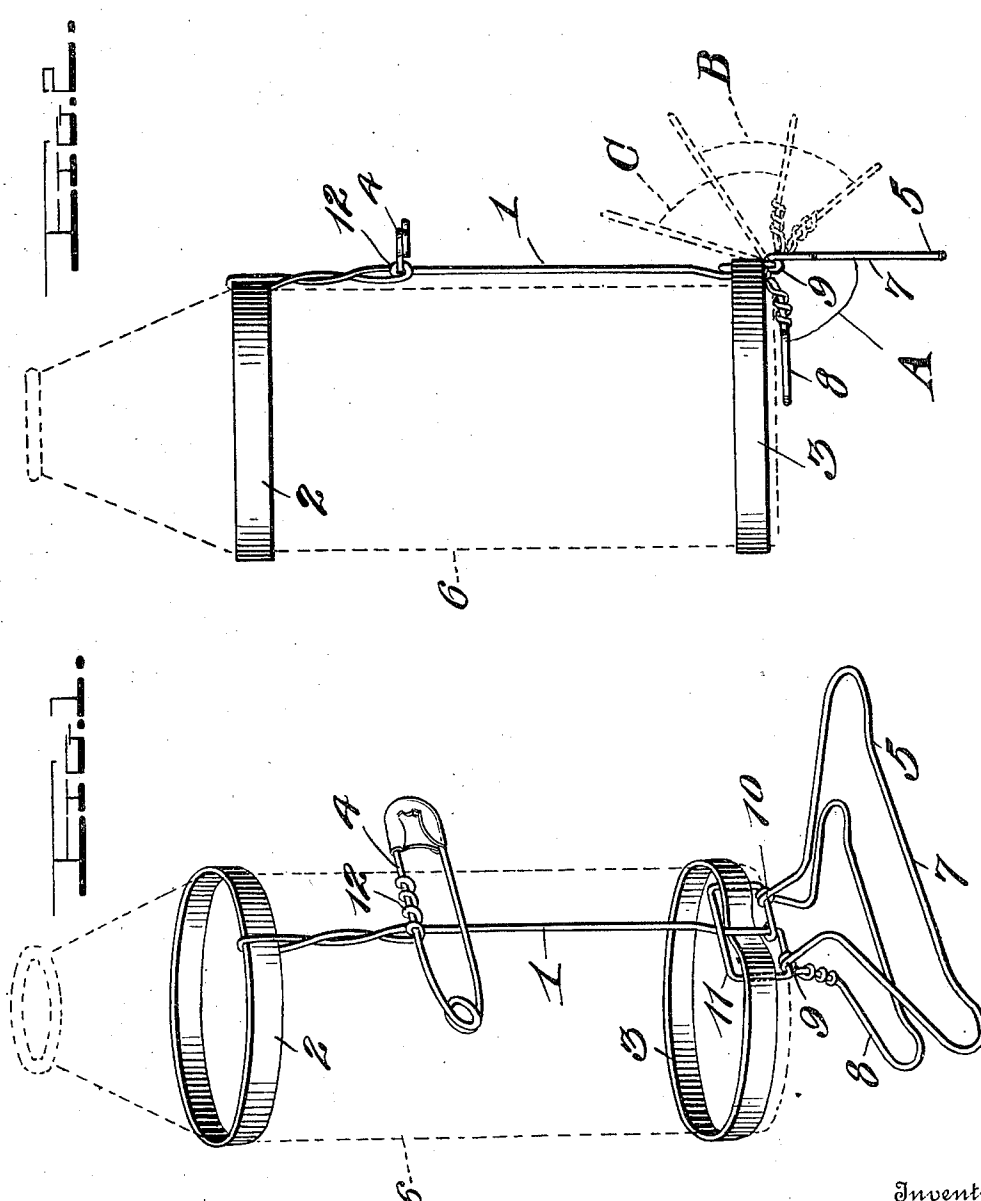


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BOTTLE HOLDER.

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UNITED STATES PATENT OFFICE.

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BOTTLE-HOLDER.

997,614.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, CLARA GAFFNEY, a citizen of the United States, residing at Johnstown, in the county of Cambria and State of Pennsylvania, have invented certain new and useful Improvements in Bottle-Holders, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to bottles and more particularly to holders for nursing bottles.

The object of my invention is to provide a holder that can be attached to regularly or irregularly shaped nursing bottles.

Another object is to have in such a holder a simple arrangement whereby the holder can be adjusted to tilt at various angles.

A further object is to have a holder which possesses the above characteristics and at the same time be both light and durable and capable of being easily and cheaply manufactured.

In the drawings which illustrate one form of my invention Figure 1 is a perspective view of a bottle-holder embodying my invention; and Fig. 2 is a side view of my holder showing an angle-adjuster in action.

Similar reference characters refer to similar parts throughout the drawings.

Referring to the drawings, 1 is a main-stem of a bottle holder constructed of wire or the like which is suitably bent and shaped to secure an elastic band 2 near the top and another elastic band 3 near the bottom portions thereof, and also a safety pin 4 or a catch, and a hinged tilting piece 5.

A dotted outline 6 indicates a bottle supported by the holder.

It is preferable that the safety pin 4 be attached close to the top of the stem 1, and that the piece 5 be at the bottom of the same.

The hinged piece 5 is preferably constructed out of a single piece of wire, and bent to form a pair of V-shaped members 7 and 8, which are hinged at their narrow ends 9 and 10, to a loop 11 formed in the stem 1 and arranged to hold the lower flexible band 3. The V-shaped members are made of different depths as clearly indicated in the drawings and serve to tilt the holder at different angles when the piece 5 is respectively swung into positions A, B and C of Fig. 2.

The safety pin 4 is attached to the stem in a flexible manner, but immovable from left to right, in order to permit the holder to assume the position desirable without any diffi-

culty. One way in which this can be accomplished is by twisting the wire around the stem of the catch as indicated at 12.

In using the device, the nursing bottle is slipped into the elastic bands 2 and 3, which stretch sufficiently to receive and embrace the bottle tightly. The bottle holder is then secured to the dress of the child by means of the safety pin 4 and in the position A. Should it be desirable for any reason to tilt the bottle, as for instance when the child is lying down and the liquid is below the neck of the bottle head, the piece 5 is swung on its hinges to the position B or C which of course assists in causing the liquid in the bottle to fully empty out. The extending arms of the pieces 7 and 8 assist in keeping the bottle stable.

Obviously while I have described my invention with elastic bands, I anticipate the use of springs and many other means to accomplish the same results, neither do I wish to limit myself to the exact location of the parts or in any way but that necessitated by the prior art, as many details of construction may be varied without departing from the principles of my invention.

Having thus described the invention what is claimed is:

1. A bottle holder comprising in combination, a stem formed from a single piece of wire and having its upper and lower portions twisted into loops, continuous bands of elastic material disposed within said loops, said bands being adapted to take bottles of various sizes and shapes, a safety pin or the like disposed in said upper twisted portion and a V-shaped piece disposed in the lower twisted portion having legs of various lengths so adapted that the bottle may be tipped at various angles.

2. A bottle holder comprising in combination, a stem formed from a single piece of wire and having its upper portion bent into a loop and its end portion twisted horizontally thereto and having its lower portion bent into a loop and back on the stem, elastic bands disposed in said loops and arranged to take bottles of various sizes and shapes, a catch for fastening said stem in place and disposed within said upper twisted end, a V-shaped piece secured to said lower loop and having legs of various lengths so adapted that the bottle may be tipped at various angles.

3. A bottle holder comprising in combi-

nation, a stem formed from a single piece
 of wire having its upper portion twisted
 into a loop and the end portion twisted
 horizontally into a spiral form and its lower
 5 portion twisted into a rectangular loop bent
 back on the stem, an elastic band in said
 upper loop, an elastic band in said lower
 loop and held therein by the stem, said
 bands being adapted to take bottles of va-
 10 rious sizes and shapes, a V-shaped piece
 formed from a single piece of wire and
 twisted so as to be hinged in said lower
 loop and having legs of various lengths so
 adapted as to tilt the bottle in two angles,
 15 and a safety pin or the like disposed in
 said twisted upper end and arranged to be
 movable therein.

4. A bottle holder comprising in combi-
 20 nation, a stem formed from a single piece
 of wire having its upper portion twisted to
 form a loop and the end continued down-
 ward and twisted into a horizontal spiral

and having its lower portion formed into a
 quasi-rectangular loop and bent back upon
 the stem, a continuous band of elastic ma- 25
 terial disposed in said upper loop and se-
 curely held therein, a continuous elastic
 band disposed in said lower loop and held
 therein by said stem, said bands being
 adapted to take bottles of various sizes and 30
 shapes, a safety pin or the like movably dis-
 posed in said spiral and a V-shaped piece of
 wire hinged to said lower loop and having
 portions extending outwardly to form a rel-
 atively large base on which the bottle can 35
 rest when tilted, said V-shaped piece having
 a pair of legs of various lengths so adapted
 as to tilt the holder at two angles.

In testimony whereof I hereunto affix my
 signature in the presence of two witnesses. 40
 CLARA GAFFNEY.

Witnesses:

T. J. GAFFNEY,
 JAMES GAFFNEY.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,
 Washington, D. C."