

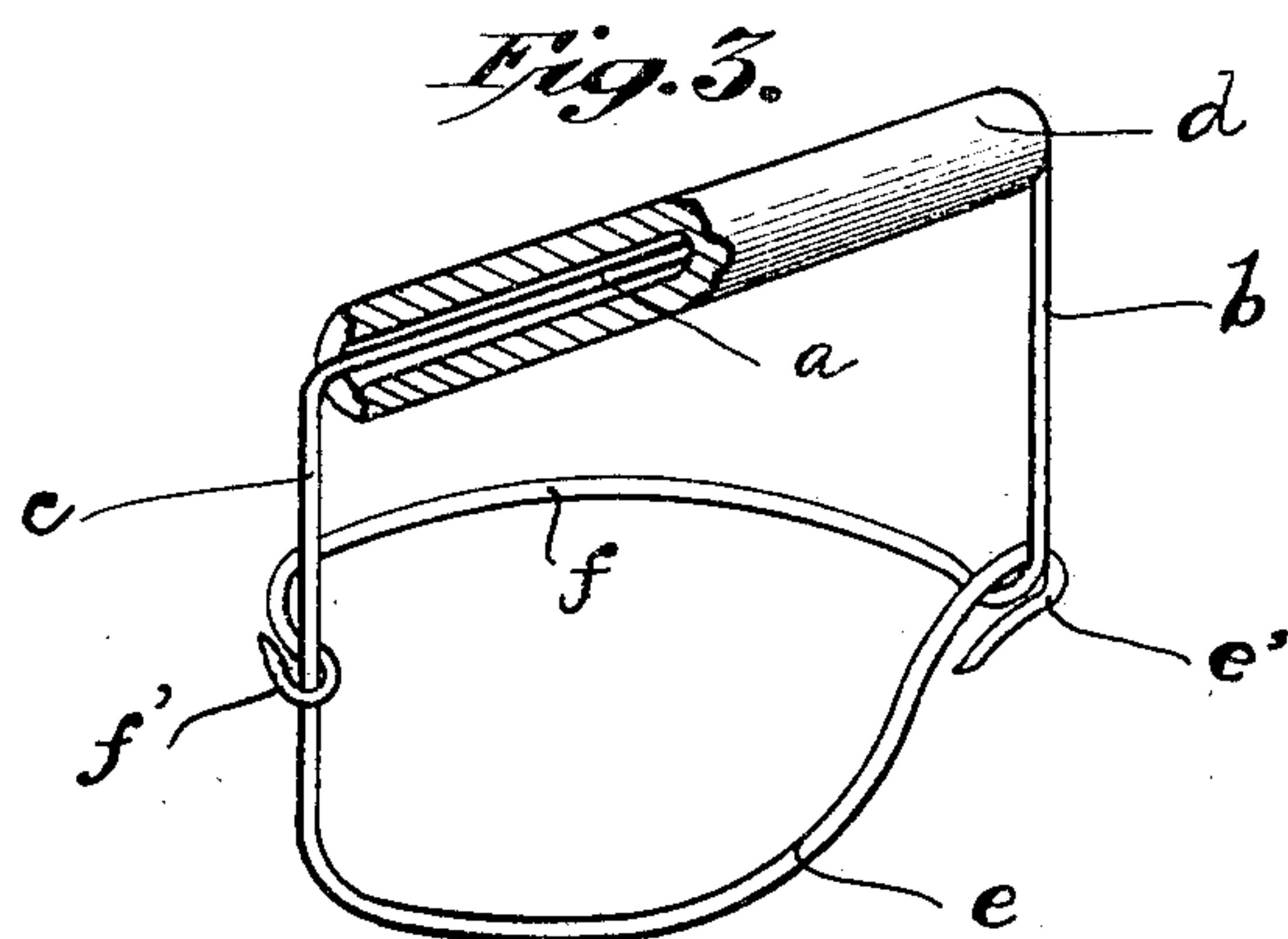
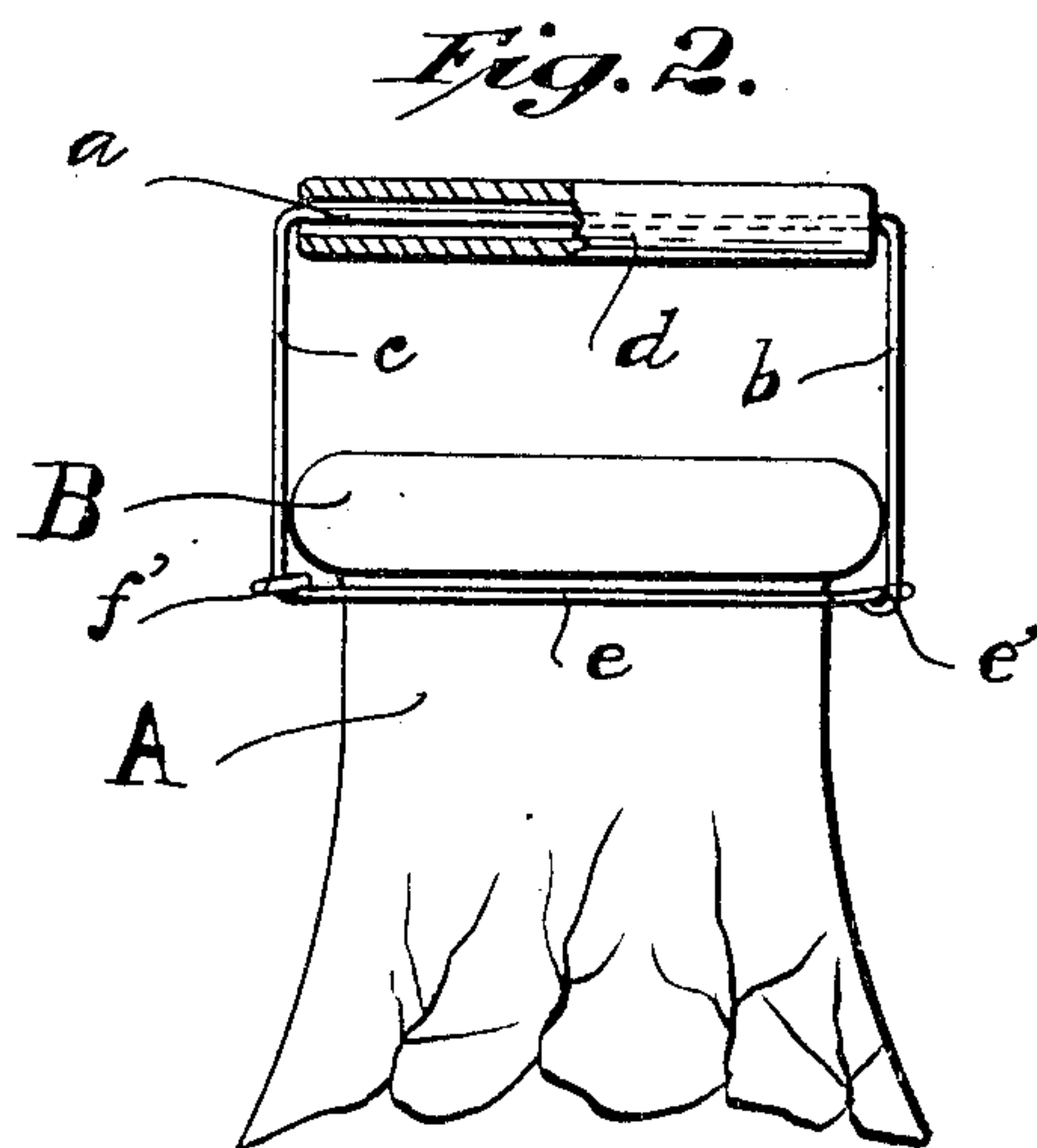
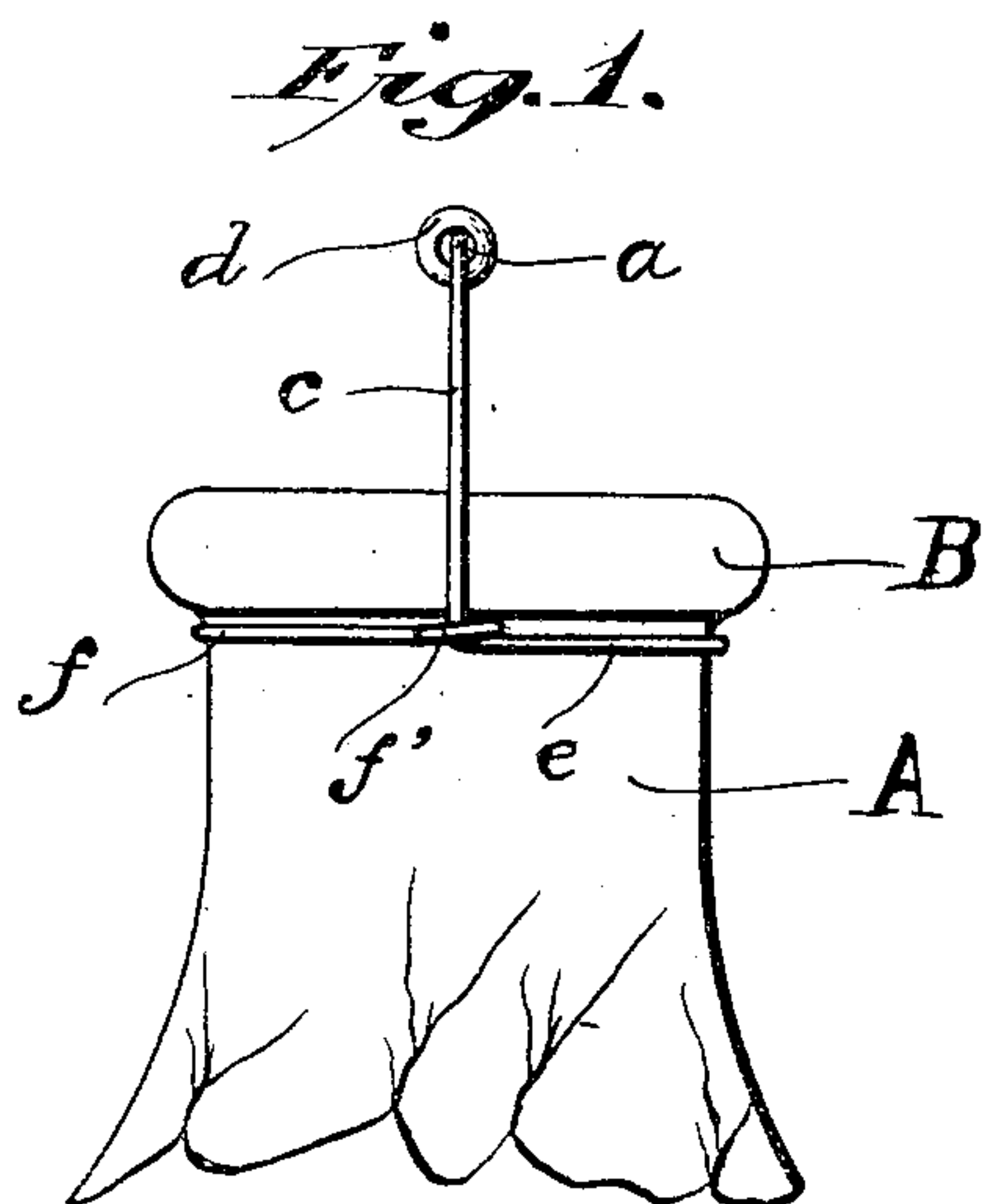
No. 819,023.

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P. E. PERRY.

HOLDER FOR JARS AND OTHER LIKE ARTICLES.

APPLICATION FILED FEB. 5, 1906.



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UNITED STATES PATENT OFFICE.

PHILIP E. PERRY, OF LEXINGTON, MASSACHUSETTS.

HOLDER FOR JARS AND OTHER LIKE ARTICLES.

No. 819,023.

Specification of Letters Patent.

Patented April 24, 1906.

Application filed February 5, 1906. Serial No. 299,436.

To all whom it may concern:

Be it known that I, PHILIP E. PERRY, a citizen of the United States, residing at Lexington, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in Holders for Jars and other Like Articles, of which the following is a specification, reference being had therein to the accompanying drawings, which form a part thereof.

My invention relates to holders for jars and other like articles, and more particularly to a class of removable holders adapted to support a jar or other like article from the lip thereof.

The main object of the invention is to provide a holder for jars or other like articles which may be quickly applied thereto by being sprung to place and when so applied will be maintained or locked in place through the weight of the jar.

A further object is to provide a holder of this description wherein the jaws and the bail therefor will be so constructed as to eliminate all dangers of such separation or disarrangement of these parts as would permit the jar to drop therefrom.

A further object of the invention is to provide a holder of this description whereby the tendency to collect disease germs or other impurities will be reduced to a minimum; and a still further object is to provide a holder of this description which may be made at a low cost of production and, if desired, by automatic machinery, while being simple in construction, and which will be strong and serviceable.

The invention consists, primarily, in a holder for jars or other like articles comprising a bail having pendent arms, a bowed jaw carried by said arms, and a second bowed jaw disposed oppositely said first-mentioned jaw permanently connected to one of said pendent arms and slidably mounted on the other said arm whereby said jaws open vertically, and in such other novel features of construction and combination of parts as are hereinafter set forth and described, and more particularly pointed out in the claims hereto appended.

Referring to the drawings, Figure 1 is a side elevation of the holder attached to a jar. Fig. 2 is a front elevation thereof, also attached to a jar; and Fig. 3 is a perspective view of the holder with the handle-grip partly in section.

Like letters refer to like parts throughout the several views.

This invention is illustrated in the drawings and is particularly designed for use in connection with milk and similar jars, which at present are largely made with a protruding lip about the neck thereof and a closure forced into said neck and engaging a channel therein. This construction provides no means for securing a firm hold on the jar, and in carrying or delivering same considerable inconvenience is encountered and there is a material accidental breakage. While in jars having a swinging cap closure this inconvenience is somewhat modified, there is nevertheless always inconvenience and likelihood of breakage when the jar is grasped about the neck. My invention is designed to obviate this inconvenience and by providing reliable and convenient means for carrying same to minimize such loss through accident in handling the jars.

In the embodiment of my invention illustrated in the drawings the bail comprises a cross-head *a*, having pendent arms *b c* supporting the jaws, adapted to engage the neck of a bottle or jar *A* and its lip *B*.

d indicates a cylindrical handle-grip having a longitudinal bore therethrough by means of which it is mounted on the cross-head *a* in a manner to permit it to rotate thereon, an arrangement common to various types of holders and not essential to this invention.

Oppositely-disposed outwardly curved or bowed jaws *e* and *f*, adapted to fit the neck of a jar or other like article *A* under its lip *B*, are carried by the arms *b* and *c*, respectively, said jaws being adapted to open vertically to facilitate the attachment and the removal of the holder by reason of the fact that in practice one of these jaws is supported by both said arms, while the other has one end supported while the other end is free to slide along the other arm. The material of the bail *a* and the said jaws *e* and *f*, as well as the pendent arms *b* and *c*, should have a slight spring thereto, these parts preferably being made from a continuous strand of wire so bent as to leave a substantially straight central section to form the cross-head *a*, the opposite ends of said wire being extended downwardly from each end of this cross-head to form the arms *b c*, outwardly and across from one arm *b* or *c* in a curve to form the jaws *e f*, respectively, extending to the other arm and

into a hook or loop $e' f'$, encircling said other arm. Each of these jaws is capable of movement from the arm b or c with which it is integrally connected as a hinge along the other arm, upon which it is slidably mounted, thus permitting either of the jaws to move upward freely. It will thus be seen that by this means a holder of great strength is provided which may be manufactured economically and that when assembled all the parts are permanently secured in relation to each other, the holder being attached to and removed from a jar or other like article by the manipulation of either jaw e or f , the spring inherent to the wire from which the holder is made permitting such a mode of operation.

To attach the holder to a jar or other like article, it is merely necessary to raise either hook or loop e' or f' on the end of the jaw e or f along the arm b or c and place the jaw not so raised under the lip B , said jaw so raised, or one end thereof, thus being positioned above said lip. By applying the requisite downward pressure on this end of said jaw e or f it may be forced over the lip, the arms b and c and the end portions of both jaws e and f not in engagement with the neck of the jar A springing sufficiently to permit the necessary shortening of the radius of the said jaw to permit it to pass over said lip. Immediately upon its passage over the lip, however, these parts spring back to their former position, securing or locking the jaws in place. The slight outward bend of the arm b or c in forming the curve of the jaws e or f gives a slight bevel effect, so that when the jar is raised by means of the handle its weight on the jaws e and f forces the hooked or looped portions $e' f'$ on the free end thereof downwardly into engagement with the beveled portion to rest upon the other jaw adjacent to the pendent arm supporting same, thus preventing the escape of the jar from between said jaws. This weight also tends to spring said jaws downwardly slightly, thus tending to further close the jaws upon the neck of the jar A .

The jaws e or f swing from the bend at their point of divergence from the arms b or c , as on a spring-hinge, and the hooked or looped portion $e' f'$ of either jaw permits slight lateral play sufficient to facilitate the operation of the device. To remove the holder, side pressure may be applied to the arms b or c until the end of either jaw e or f may be sprung over the lip B , whereupon the holder may be turned and the projected jaw forced over said lip by the pressure thereon from the top of said lip or slid directly from said jar.

It is not my intention to limit the invention to the precise details of construction shown in the accompanying drawings, as

such may be varied without departing from the spirit and scope of the invention.

Having described the invention, what I claim as new, and desire to have protected by Letters Patent, is—

1. As a new article of manufacture, a holder for jars or other like articles comprising a bail having pendent arms, a bowed jaw carried by said arms and a second bowed jaw disposed oppositely thereto, one end of said last-mentioned jaw being permanently connected to one of said arms and the other end thereof being slidably mounted on the other said arm, whereby said jaws open vertically.

2. As a new article of manufacture, a holder for jars or other like articles comprising a bail having pendent spring-arms, a bowed jaw of spring metal carried by said arms, and a second bowed jaw of spring metal disposed oppositely thereto permanently connected at one end thereof to one of said arms, and the other end thereof being slidably mounted on the other said arm, whereby said jaws open vertically.

3. As a new article of manufacture, a holder for jars and other like articles comprising a continuous strand of wire bent to form a bail having pendent arms, a bowed jaw supported by said arms and a second bowed jaw disposed oppositely thereto extending from one said arm and slidably mounted on the other, whereby said jaws open vertically.

4. As a new article of manufacture, a holder for jars and other like articles, comprising a continuous strand of wire having a substantially straight central section forming a cross-head, the opposite ends of said wire being bent downwardly to form pendent arms, outwardly and laterally from each said arm to the other to form the oppositely-disposed jaws of the holder, and into a hook or loop on each end encircling a pendent arm, whereby said jaws open vertically.

5. As a new article of manufacture, a holder for jars and other like articles comprising a continuous strand of wire having a substantially straight central section forming a cross-head, the opposite ends of said wire being bent downwardly to form pendent arms, outwardly and laterally from each said arm to the other to form the oppositely-disposed jaws of the holder, and into a hook or loop on each end encircling a pendent arm whereby said jaws open vertically, and a handle-grip mounted on said cross-head.

In witness whereof I have hereunto affixed my signature, this 27th day of January, 1906, in the presence of two witnesses.

PHILIP E. PERRY.

Witnesses:

N. L. FROTHINGHAM,

A. A. ASHMAN.