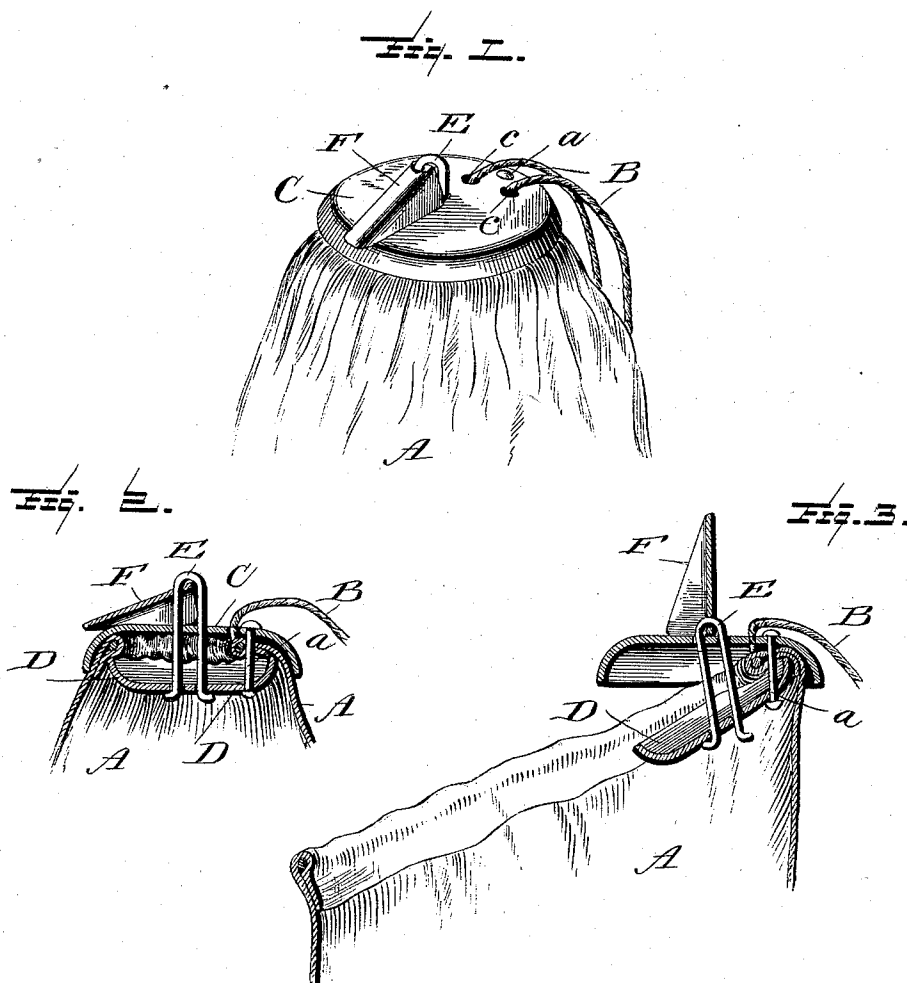


(No Model.)

L. A. WALKER.
BAG FASTENER.

No. 476,219.

Patented May 31, 1892.



Witnesses
L. C. Mills
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UNITED STATES PATENT OFFICE.

LOUIS A. WALKER, OF BROOKLYN, ASSIGNOR TO HIMSELF AS TRUSTEE, AND
CORNELIUS S. MITCHILL, OF NEW YORK, N. Y.

BAG-FASTENER.

SPECIFICATION forming part of Letters Patent No. 476,219, dated May 31, 1892.

Application filed January 28, 1892. Serial No. 419,549. (No model.)

To all whom it may concern:

Be it known that I, LOUIS A. WALKER, a citizen of the United States, residing at Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Bag-Fastener; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters of reference marked thereon.

This invention relates to certain new and useful improvements in bag-fasteners; and it has for its objects among others to provide an improved fastener, which when the bag is closed will clasp over the mouth of the same and not only close it but cover it. I provide a part to work within the bag and another part to operate outside the bag, and between the two the mouth of the bag when drawn together by the string is held.

The device permits of various modifications in details of construction. That shown is what at the present time is considered the most desirable and efficient.

Other objects and advantages of the invention will hereinafter appear, and the novel features thereof will be specifically defined by the appended claims.

The invention is clearly illustrated in the accompanying drawings, which, with the letters of reference marked thereon, form a part of this specification, and in which—

Figure 1 is a perspective view showing the mouth of the bag closed. Fig. 2 is a sectional detail showing the position of the parts when the bag is closed. Fig. 3 is a like view with the parts in the position they assume when the bag is open.

Like letters of reference indicate like parts throughout the several views.

Referring now to the details of the drawings by letter, A designates a bag of any approved construction provided around its mouth with a gathering string or cord B, which may be held thereto in any suitable manner, preferably by being secured within a hem or casing, as seen in Figs. 2 and 3. The ends of the cord or string are passed loosely through holes c in the upper part C of the clamp and

may be united or not, as may be desired. The upper part C of the clamp may be of any suitable material and shape, but preferably substantially circular and convex, as seen in the several views, the edges being designed to overlap the under part of the clamp as well as the mouth portion of the bag, as seen in Fig. 2.

D is the lower part of the clamp. It may be of any suitable material and of required shape, being preferably a convex disk. It is held to the upper part near one edge by suitable means, as the loose pin or bolt a, and is of less diameter than the outer part C of the clamp.

E is a piece of wire somewhat longer than the normal distance between the two parts C and D, arranged with its loop or bend projecting through the top of the upper part and the ends which extend through the lower part turned outward, as seen in Figs. 2 and 3, to prevent withdrawal thereof, yet permit of freedom of movement of the two parts, as will be seen in Fig. 3.

F is the locking part. I term it a "pawl." It is loosely hinged on the wire or loop or link E. In its preferred form it is in the shape shown, triangular in longitudinal vertical section, being hinged at its larger end, as shown.

In operation, with the parts in the position in which they are shown in Fig. 3 the bag is open and ready to be filled. When it is desired to close the bag, the cord or string is pulled upon, which gathers in the mouth of the bag and brings the parts into the position in which they are shown in Fig. 2, the locking part F being during this operation in the position shown in Fig. 3, to allow of freedom of movement of the upper and lower parts of the clamp, so that they will automatically adjust themselves to place as the bag-mouth is drawn together. When the bag-mouth has been drawn together, the pawl is turned down into the position in which it is shown in Figs. 1 and 2, when the bottom edges impinge against the upper face of the upper part of the clamp, and the pawl then acts as a wedge to draw the two parts of the clamp together, the link being free to slide in the holes in the two parts, and when down in the position shown in Figs. 100

1 and 2 the parts are locked. To open the bag, simply throw the pawl up into the position shown in Fig. 3, when the two parts of the clamp will be released and free to be separated and the mouth of the bag opened.

5 Modifications in detail may be resorted to without departing from the essence of the invention or detracting from its merits.

What I claim as new is—

10 1. A bag-fastener consisting of two parts hinged at one edge, one designed to go inside the bag and the other outside and adapted to clamp the mouth of the bag between them, and means for drawing the two parts together
15 and locking them, as set forth.

2. A bag-fastener consisting of two hinged parts adapted to fit one within the other, one inside and the other outside the bag to clamp the mouth of the bag between them, and drawing and locking means loosely connecting the
20 two parts and adapted to serve substantially as specified.

3. The bag-fastener consisting of the two parts, both convexly and oppositely arranged,

loosely hinged together, and one adapted to 25 fit within the other one inside the bag and the other outside the same, a loose connection between the two parts, and a locking part pivotally connected with the said loose connection, as set forth.

4. The combination, with a bag and its 30 mouth-string, of a two-part clamp, one part arranged within the bag and the other outside, the outer part having holes through which the string is loosely passed, the two parts being 35 loosely hinged together, a link loosely connected with the two parts and free to slide in the same, and a triangular pawl loosely pivoted on the said link outside the outer part of the clamp, substantially as specified. 40

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

LOUIS A. WALKER.

Witnesses:

CORNELIUS S. MITCHILL,
THEODORE STURGES, 2d.