July 22, 1941. T. LOOS ET AL 2,249,841

TRAVELING OR OTHER TYPE OF BAG

Filed March 25, 1939

Fig. 1.

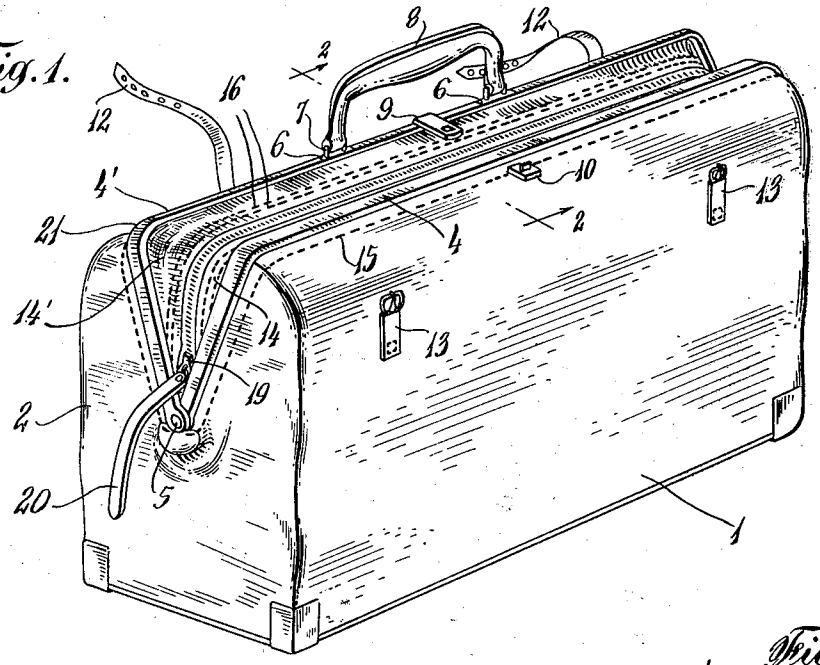


Fig. 2.

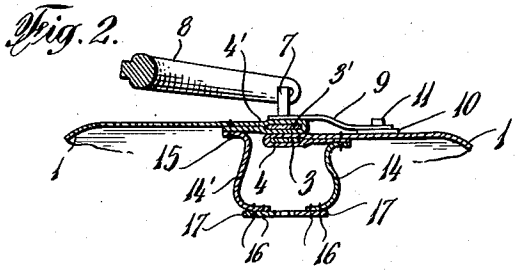


Fig. 5.

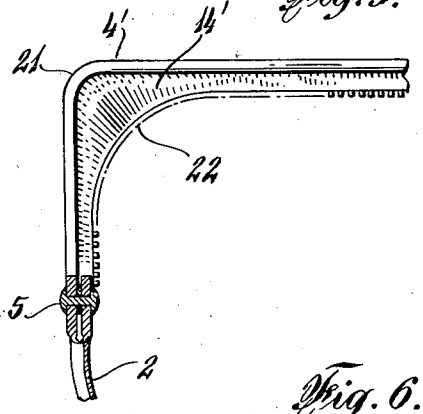


Fig. 3.

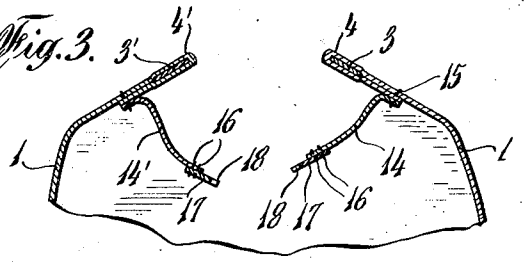


Fig. 6.

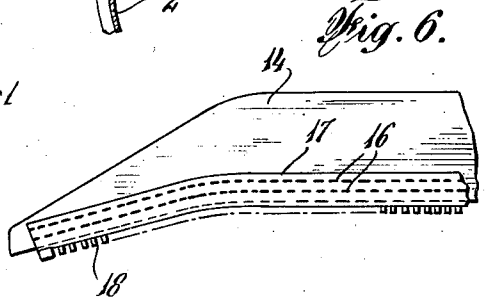
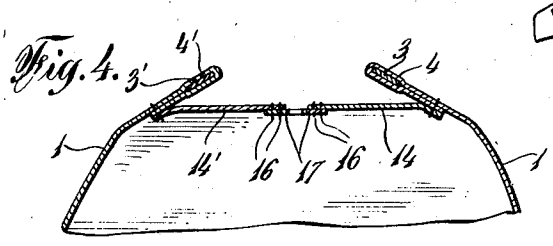


Fig. 4.



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TRAVELING OR OTHER TYPE OF BAG

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Application March 25, 1939, Serial No. 264,076

3 Claims. (Cl. 190—48)

The primary object of our invention is to provide a traveling or other type of bag of novel construction which imparts to the bag increased utility. In its preferred form, our invention comprises the insertion, within a bag having a pivoted and comparatively rigid, two-part frame, of gussets affixed to the side or top walls of the bag adjacent the frame, such gussets carrying the prong elements of a slide or hookless fastener. This construction, which we believe to be novel, results in several advantages, including double protection for the contents of the bag, protection from the elements, etc., of the hookless fastener, and removal of lateral strain therefrom. Our invention also makes it possible to fill the bag beyond its normal capacity, relying in such case only upon the hookless fastener as the closure element. Other advantages of our novel construction will be apparent to those skilled in the art from the following description thereof.

In the accompanying drawing—

Figure 1 is a perspective view of a bag to which our invention has been applied in its preferred form, the hookless fastener being closed but the two-part frame being open;

Fig. 2 is a fragmentary transverse section on the line 2—2 of Fig. 1, looking in the direction of the arrows, both the hookless fastener and the two-part frame being in closed position;

Fig. 3 is a similar fragmentary transverse section, both of the closure elements of the bag being open, the representations of the handle and clasp of the bag being omitted in this and the following figure;

Fig. 4 is a similar fragmentary transverse section showing the hookless fastener alone closed;

Fig. 5 is a fragmentary vertical longitudinal section of one of the upper corners of the bag; and

Fig. 6 illustrates a portion of one of the gussets, carrying prongs of the hookless fastener, showing the general shape thereof by means of which one of the objects of our invention may be accomplished.

It will be understood that the drawing constitutes an illustration of only one type of bag in which our invention may be employed, namely, that type of bag which is known as a club or traveling bag. Our invention is equally applicable to numerous other types of bag including those known in the trade as bond bags, office mail bags, railway mail pouches, laundry bags, wire-lined money bags, pocketbooks, etc.

Referring to the drawing, the type of bag therein shown comprises a bottom member (not illustrated), side walls 1, 1 and end walls 2. As is usual in the type of bag shown, the end walls are slit downwardly from the top for a portion of the height of the bag, thus enabling it to be opened; also the side walls extend upwardly so as to constitute the top walls of the bag when it is closed. The bottom of the bag and the side and end walls may be of one piece or may be fastened together by any suitable means such as stitching, as is well understood in the art, so as to form a bag which is open only at the top.

As is customary in certain types of bag, the bag is provided with a two-part, comparatively rigid frame, each part thereof being composed of a U-shaped member, preferably made of metal over which the free edges of the side and end walls are folded and stitched. In the drawing the frames are indicated at 3 and 3' and the complete frame members, enclosed within the free edges of the side and end walls of the bag are indicated at 4 and 4'. Preferably, one of the U-shaped frames is made smaller than the other so that, when the bag is closed, one part of the frame, such as 4, telescopes within the other part of the frame, such as 4'. The ends of the U-shaped frames are pivoted, as at 5, on a solid rivet. The outer or female member of the frame is provided with plates 6 carrying posts 7 which, with cross bars (not shown), constitute loops upon which the handle 8 is mounted. The outer frame member also carries one member 9 of a clasp or lock strap adapted to engage the other member 10 and to be held in place by a catch or locking device 11 to hold the frame members in closed position. Buckle straps 12 and buckles 13 may also be provided as supplementary means for holding the bag closed. Our bag, as thus far specifically described, is of a type well known in the art.

In applying our invention to a bag such as that already described, we provide gussets 14, 14' which preferably extend substantially the full length of the opening in the bag. One edge of these gussets is stitched or otherwise affixed to the side and end walls of the bag, adjacent the inner or free edges thereof and, therefore, adjacent to the U-shaped frames. We find it convenient to have the stitching 15, which encloses the metal portions of the frames within the edges of the side and end walls, extend through not only the two layers of the side and end walls but also through the gussets to hold them in position. To the free edge of each gusset is affixed, as by stitching 16, a tape 17 which carries the prongs 18 of the slide or hookless fastener. The gussets are preferably of sufficient width to ex-

tend inwardly beyond the free edges of the walls of the bag and, thus, beyond the frame members,—as clearly indicated in Fig. 4. A slide lock 19 of the usual type is provided for the hookless fastener. A strap 20, or other convenient means for operating the hookless fastener, may be attached thereto.

As will be seen from the drawing, the angles 21 in the frame members 4, 4' are preferably sharp,—i. e., have a comparatively small radius of curvature. The gussets should be so shaped, before being affixed to the bag, that the hookless fastener, although also of substantially U-shape, will, at the corners of the bag, bend more slowly than the frame members, as indicated at 22 in Fig. 5,—thereby having a larger radius of curvature than the corners of the frame members. This may be accomplished by giving to the gusset a form substantially like that shown in Fig. 6. This form of gusset, with the resultant form assumed by the hookless fastener, insures easy operation of the latter at the corners of the bag, as well as elsewhere.

From the foregoing description, the manner of use of our improved bag is self evident. When it is desired to pack it, the two-part frame is opened and the hookless fastener is also opened. After the desired contents have been placed in the bag the hookless fastener is closed throughout its length and the frame members are thereafter closed and locked together by the clasp or lock strap and, if desired, also held in place by the buckle straps. When the bag is thus closed, it will be seen that the hookless fastener is entirely within the bag and thus protected from the elements or injury from any other source and also that all lateral strain is removed therefrom. There is also double protection for the contents of the bag. As already suggested, our arrangement also makes it possible to fill the bag beyond its normal capacity by utilizing, as the closure therefor, only the hookless fastener. The condition of the bag, under such circumstances, is illustrated in Fig. 4. It will thus be seen that the bag may be over-stuffed and still be closed so as to protect the contents thereof. On the other hand, if for any reason it is desired not to use the hookless fastener or if it has been injured or become jammed, the bag may still be used in the ordinary manner, closing it by means of the two-part frame. Other advantages of our arrangement will be evident to those skilled in the art.

It will be understood that many changes and modifications may be made with respect to various details of our invention and also that, as above pointed out, our invention is applicable to many types of bag and is not to be considered as limited to the type of bag illustrated in the drawing. We desire to obtain protection not only for the specific arrangement and details illustrated in the drawing, but for all changes and modifications therein that may come within the scope of the appended claims.

We claim:

1. A bag comprising in combination side walls having free edges forming an opening for the bag, a comparatively rigid frame affixed to the free edge of each side wall, one frame being adapted to telescope within the other whereby the opening in the bag may be completely closed, a gusset affixed to the inner side of each side wall adjacent the frame, the free edge of one gusset extending toward the free edge of the other gusset across the opening and each gusset carrying the prongs of a hookless fastener, and a slide lock for said hookless fastener whereby the prongs of the hookless fastener may be made to interlock and the gussets joined across the opening of the bag.

2. A bag comprising in combination side walls having free edges forming an opening for the bag, male and female U-shaped comparatively rigid frames affixed to the free edges of the side walls, means for holding said frames in overlapping engagement to close the bag, gussets affixed to the inner side of the side walls adjacent their free edges, the free edge of one gusset extending toward the free edge of the other gusset across the opening and each gusset carrying the prongs of a hookless fastener, and a slide lock for said hookless fastener whereby the gussets may be joined across the opening of the bag.

3. A bag comprising in combination side walls having free edges forming an opening for the bag, U-shaped comparatively rigid frames affixed to the free edges of the side walls, said frames being pivoted at their ends, a clasp for holding said frames in engagement whereby the bag may be closed, gussets affixed to the inner sides of said side walls adjacent their free edges and extending substantially the length of the frames, the free edges of said gussets extending toward each other across the opening and carrying the prongs of a hookless fastener throughout substantially their entire length, and a slide lock for said hookless fastener whereby the gussets may be joined across the opening of the bag.

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