Sept. 7, 1926. 1,598,719

W. C. HIERING

BAG HANDLE AND HANDLE ATTACHMENT

Filed August 6, 1924

Fig. 1.

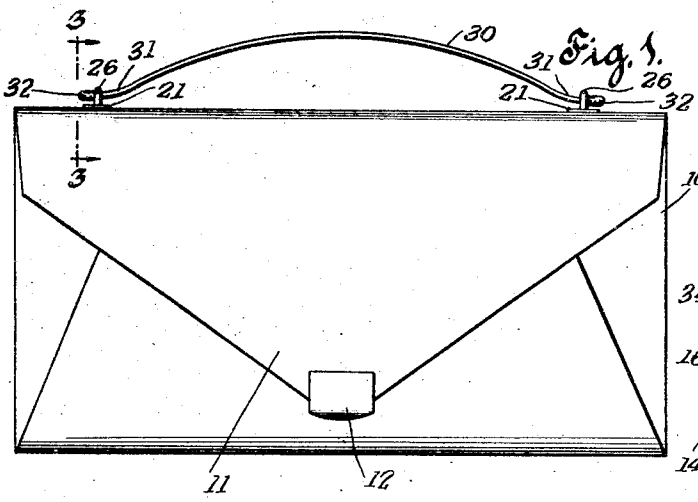


Fig. 3.

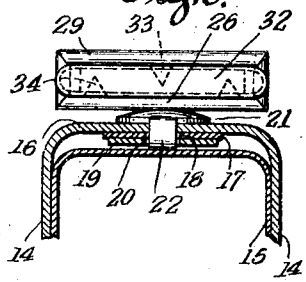


Fig. 2.

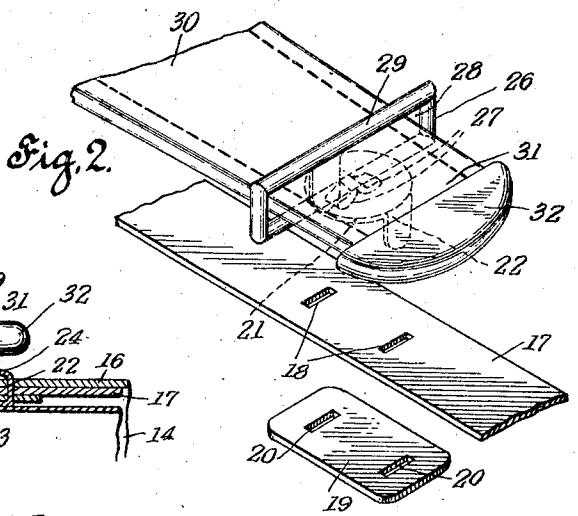


Fig. 4.

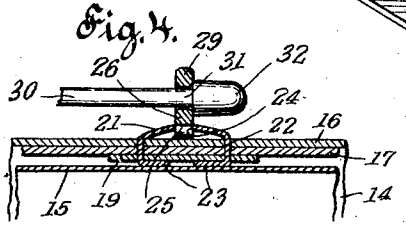


Fig. 5.

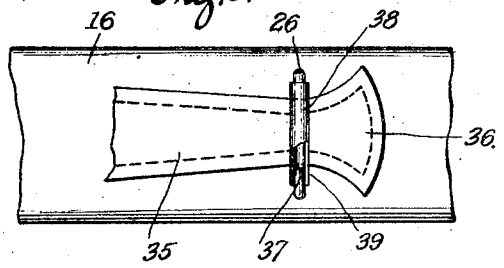
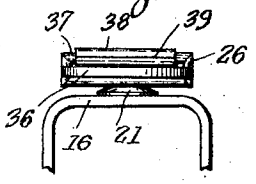


Fig. 6.



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UNITED STATES PATENT OFFICE.

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BAG HANDLE AND HANDLE ATTACHMENT.

Application filed August 6, 1924. Serial No. 730,489.

This invention relates to bag handles and devices for attaching the handles to the frames of bags.

In the construction of the lighter types of hand carried bags, particularly such as are used by women for carrying purses and small objects of a personal nature, it is the custom of the manufacturers to permanently secure the handle to the bag during the process of its construction, at an early stage therein, with the result that the handle, usually finely finished and of attractive appearance, becomes soiled in the various handlings thereafter necessary in the finishing and polishing of the bag, entailing loss of time in cleaning the handle or depreciation in the value of the bag.

It is therefore an object of the present invention to provide a handle that can be loosely but positively attached to the bag after the same has been fully completed in every detail, and which may lie flat on the surface of the bag.

Another purpose is in the provision of a handle attaching means that can be incorporated permanently in the bag structure prior to lining the same and before the final finishing touches are completed, the handle being engaged with the attaching means at any time thereafter, thus avoiding any possible injury, disfigurement or soiling of the same.

A further aim is in the provision of secure handle fastening devices, simple and economical to manufacture and with which the handle may be engaged non-separably by novel means when and as desired.

These several objects are fully accomplished by the original means hereinafter described and illustrated in the accompanying drawing, forming a constituent part of this disclosure, and in which:—

Figure 1 is a front elevational view of a conventional type of light bag showing the application of the invention.

Figure 2 is a greatly enlarged perspective view showing one end of a bag handle and fragmentary portions of the frame and handle securing means.

Figure 3 is a similarly enlarged end view of the handle and sectional view of the bag and its frame, the section being taken on line 3—3 of Figure 1.

Figure 4 is a fragmentary longitudinal sectional view of the same.

Figure 5 is a top plan view showing a modified form of handle and its securing means.

Figure 6 is an end view thereof.

Referring to the drawing more in detail, the bag is shown as having an envelope shaped body 10 provided with a flap 11 secured by a catch 12 in the usual manner. The body and flap are composed of a flexible covering 14 having a lining 15, between which, at the top 16, may be inserted a stiffener strip 17 constituting a frame element.

In the construction, if the strip be used a pair of spaced rectangular openings 18 are formed near each end through the strip, these openings being in longitudinal registration. A pair of rectangular plates 19 are provided with similarly alining openings 20, acting as washers, as will later be seen.

Thin, slightly convex plates 21, circular or of other preferred conformation, are provided with oppositely disposed prongs 22 bent at right angles and adapted to enter the perforations 18 and 20 to be bent tightly thereunder as at 23, holding the plates in firm engagement with the frame strip.

A central opening 24 in each plate is shaped to receive a projection 25 on the base element of a flat loop 26 disposed cross wise of the bag frame, the projections being upset and spread to act as rivets, as at 27, substantially level on the lower sides of the plates and above the bases are oblong rectangular openings 28 closed by the bar elements 29.

The handle 30, which may be a strip of thick leather, either single or laminated, preferably of uniform thickness as shown, is shaped to be comfortably grasped by the hand at its center and reduced at its ends 31 to pass freely through the openings 28 so as to normally lie flat on the top of the bag.

Engaged on the extending ends of the handle are metal caps 32 provided with sharp prongs 33 and 34 and suited to enter the handle material from both upper and lower sides and when the cap is flattened on the handle terminals, to firmly and permanently remain thereon.

As the thickness and width of the handle ends 31 is such as to enter the loops 28 to neatly slide therein, the caps 32, owing to their additional thickness and length, cannot pass through the loops and when the handle is in use, the caps make contact with

the outer surfaces of the loops 26 acting as a fastening for the handle.

Obviously the construction allows the bag structure to be completed in all its details, including the attachment of the rigid loops 26 and at any time thereafter the handle ends may be inserted and the cap 32 applied.

In the modification shown in Figures 5 and 6 the handle 35 is formed with widened, ornamental ends 36 and the loops 26, in place of being entirely closed at the top, are formed with inreaching registering projections 37 permitting entry of the handle ends, after which tubes 38, having longitudinal openings 39, are placed over the handle ends and closed to engage the projection 37, thereafter acting as rollers and preventing the handle from becoming detached from the loops but permitting the handle to move freely thereunder to lie flat or be drawn up until the lateral projections on the ends 36 make contact with the inner sides of the fixed loop elements.

Although the foregoing is generally descriptive and illustrative of approved forms of the invention, it is not to be understood as limitative of the same within the scope of the appended claims, as obviously modifications may be made without the exercise of inventive genius.

Having thus described my invention and set forth the manner of its construction and application, what I claim as new and desire to secure by Letters Patent, is:—

1. The combination with a bag comprising a stiffening strip at the top, a covering and a lining disposed therewithin, said strip having pairs of perforations near each end, metal clips having prongs riveted through the perforations, said clips being obscured by the lining, flat metal loops rigidly engaged in said clips to extend in paired relation transversely above the frame members, a flexible handle having its end portions loosely engaged in the loops to slide therein, metal caps for the extremities of said handle, said caps being larger than the opening in the loops, and prongs integrally formed on opposite sides of the caps to be inserted into the handle ends after being passed through the loops.

2. The combination with a bag having a re-enforcing strip at the top between the bag covering and lining, said strip containing paired perforations near its ends, of raised convex discs having prongs secured in the mentioned perforations, transverse loops fixed in said discs, a flat flexible handle having ends to extend through the loops, and thin flat caps clinched on the ends of said handle to abut the loops when the handle is in use.

3. The combination with a bag having a re-enforcing strip at the top between the bag covering and lining, said strip containing paired perforations near its ends, of washer-like plates perforated to register with said strip, plates raised at their centers and having prongs to pass through the perforations in said strip and washer plates, said prongs being bent thereunder, narrow upstanding transverse loops rigidly secured in said raised plates, a flat flexible handle having its ends passed through said loops, and means to prevent complete withdrawal of the handle ends from said loops.

4. The combination with a bag, of a pair of upstanding plates extending transversely across the top of the bag, said plates being recessed and presenting in-reaching elements thereover, a handle having its end portions reduced to pass through the recesses in said plates and its extremities increased in width to prevent retraction, and a tube engaged over said inreaching plate elements to extend therebetween, said tube acting as a roller and preventing separation of the handle from said plates.

This specification signed and witnessed this 31st day of July, 1924.

WILLIAM C. HIERING.