B. I. RIKE.

HANGER.

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1,220,459.

Patented Mar. 27, 1917.

Fig. 1.

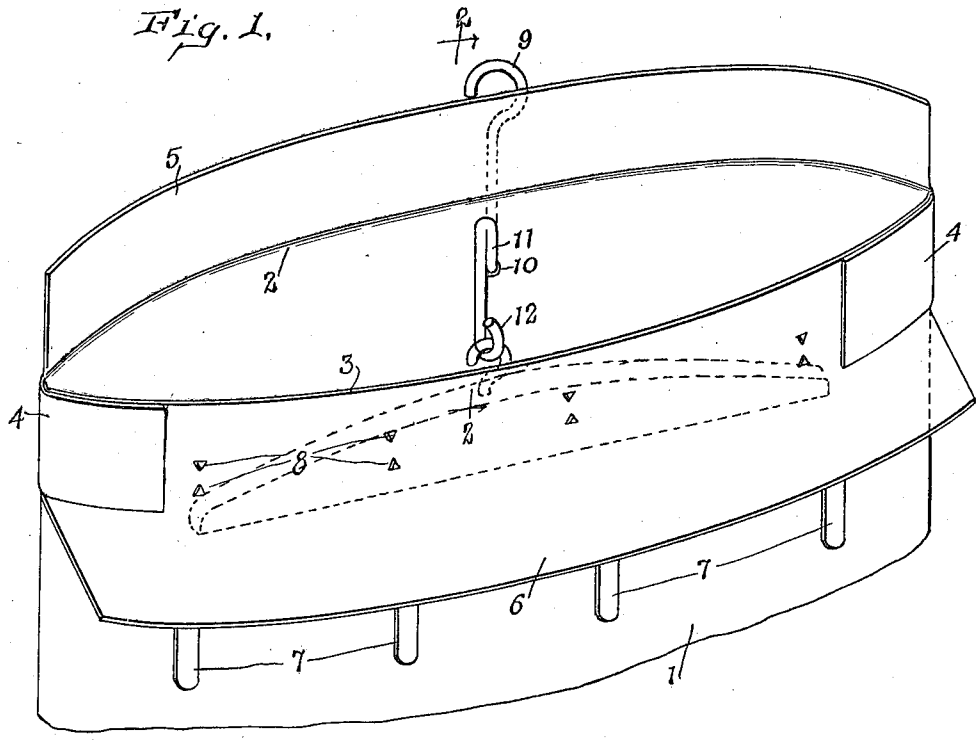
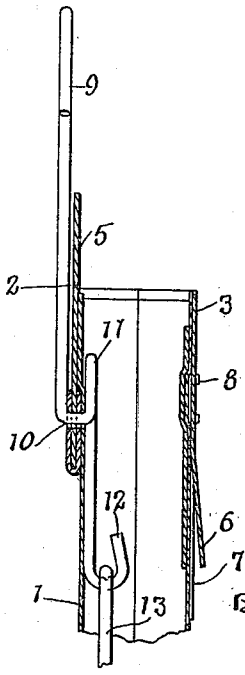


Fig. 2.



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HANGER.

1,220,459. Specification of Letters Patent. Patented Mar. 27, 1917.

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To all whom it may concern:

Be it known that I, BERTON I. RIKE, a citizen of the United States, residing at Dayton, in the county of Montgomery and State of Ohio, have invented certain new and useful Improvements in Hangers, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to hangers for bags such as are used for storing garments and the like. An object of the invention is to provide a hanger which will support the bag and contents independently and at separate points in such a manner that the walls of the bag will be relieved from strains such as are common when the contents are supported by the bag directly. The bag can thus be made of lighter material without danger of tearing the same. A further object of the invention is to provide a hanger which will not interfere with the manipulation of the closure of the bag and which will allow the folding of the same into a compact package when not in use.

In the accompanying drawings, Figure 1 is a perspective view of the upper portion of the bag with the opening partly extended and showing my invention applied thereto; and Fig. 2 is a sectional view taken on the line 2—2 of Fig. 1 and looking in the direction of the arrows.

In these drawings I have illustrated one embodiment of my invention and have shown the same as applied to a bag, the upper portion of which is indicated at 1 and which comprises side walls which, when the bag is empty, extend substantially parallel one with the other and are attached one to the other at their lateral edges and at one end, preferably by overlapping the edges and pasting them together, although the connection may be made in any suitable manner. The edges of the side walls at the other end of the bag are unattached and an opening is thus provided for the insertion and removal of articles. The edges of the side walls adjacent to the opening are reinforced and are provided with coöperating flaps forming a closure therefor, these flaps being arranged to fold across the opening and to fold one upon the other to form a tight closure for the opening. In the way here illustrated I have combined the closure with a reinforcement for the edges of the opening. As here shown I have secured to the side walls of the bag, along the edges of the opening, reinforcing strips 2 and 3, of card-board or extra, heavy tough paper. These strips may be secured to the bag in any suitable manner, as by pasting, and, in the present instance, there are two of the strips, one on each side of the opening, and they are provided with overlapping ends to reinforce the ends of the opening. As here shown one of the strips, 2, is of greater length than the bag and its end portions 4 are bent about the lateral edges of the bag and folded on and pasted to the adjacent ends of the reinforcing strip 3. This reinforcement not only protects the edges of the walls from being torn but tends to support the edges of the bag when the opening is distended, so as to permit articles to be readily inserted therein. The reinforcing strip 2, which is secured to the rear wall of the bag, as shown in Fig. 1, has a portion projecting above the adjacent edge of the bag for substantially the full width of the bag, as shown at 5. This projecting portion of the reinforcing strip constitutes one flap of the closure for the bag and is adapted to be folded across the open end of the bag and down against the front reinforcing strip 3, the reinforcing strip 2 being scored along a line adjacent to and substantially parallel with the upper edge of the bag to facilitate the folding of the flap across the opening. The reinforcing strip 3 is provided at that edge farthest removed from the opening with a projecting portion 6 which normally extends downwardly parallel with the side wall of the bag and is scored lengthwise of the strip to enable it to be folded upward against the downwardly folded flap 5. Thus the flap 5 extends across the opening and effectually closes the same, and the flap 6 is folded over the edge of the flap 5 and not only holds this flap down against the bag but incloses the edge thereof and prevents the entrance of dust or vermin which might work their way about a single flap. Suitable means are provided for holding the flaps in their folded positions to maintain the bag snugly closed. Various devices may be used for this purpose but I have found that here shown to be very efficient. This fastening device comprises a series of clips 7 which are preferably formed from flexible metal, such as tin, each having one end extending between the reinforcing strip 3 and the side wall of the bag and secured to the reinforcing strip, by means of prongs 8, or

in any other suitable manner. The free ends of the strips extend downward between the flap 6 and the wall of the bag and project some distance beyond the edge of the flap. When the flaps are in their folded positions the clips are bent upward in snug contact with the flap 6 and their upper ends are carried across the end of the bag and bent downward against the reinforcing strip 2, thereby clamping the closure firmly in its closed position and preventing the same from gapping or becoming loosened by handling.

I have also provided means for supporting the garments or other articles within the bag independently of the bag itself. Where the contents of the bag are supported by the walls of the bag there is not only danger of the paper tearing under the weight imposed upon it but there is a tendency to distort the closure. I avoid these objectionable features by providing a hanger which extends through one wall of the bag and engages the same to support it and which has on its inner end a portion designed to support the garments, or the like, and has at its outer end a portion designed to support both the bag and the contents of the bag. In the particular construction here illustrated this hanger comprises a rod or heavy wire having at its outer end a hook-shaped portion 9 adapted to support the hanger and the various articles carried thereby. This rod extends horizontally through an opening 10 formed in the rear wall of the bag and in the reinforcing strip 2 and is bent upward, as shown at 11, just inside of the opening to form a seat which engages the wall and forms a support for the bag. This inner portion of the rod or hanger then extends downward and is bent at its lower end to form a hook 12 adapted to be engaged by and support a garment hanger 13 or to support the contents of the bag in any suitable manner. Thus, it will be apparent that the entire weight of the garments or other contents of the bag is carried by the hanger and none of it is imposed upon the bag itself, and that the same hanger which carries the garments also forms a support for the bag. Further, it will be noted that this hanger is comparatively flat in its construction and adds little to the thickness or bulk of the bag when the latter has been folded for shipment or storage.

It will be apparent from the foregoing description that I have not only provided a bag with a very tight closure, which is easy to operate and can be applied to the bag at a low cost, but that I have also provided the bag with means for supporting its contents independently of the walls of the bag, thereby relieving the bag from the strain which would otherwise be imposed thereon and which would tend to tear the walls and distort the closure. Further, it will be apparent that the whole construction is such that the bag can be folded into a flat, compact bundle for shipment or storage. In this connection it will be noted that the hanger may be rotated in the opening 10 to cause it to extend substantially parallel with the edge of the bag and to lie within the bag so that it does not project beyond the edge of the folded bag. And further, it will be noted that the combined reinforcing strips and flaps lie flat and substantially parallel with the walls of the bag when they are in their open positions, and that the fastening devices for the closure likewise lie flat against the wall of the bag and have no projecting parts which would interfere with the folding of the bag into a compact bundle.

The subject matter of this invention is fully shown and described in Letters Patent, 1,184,876, granted May 30, 1916, on an application Ser. No. 3453, filed by me Jan. 21, 1915. Said Letters Patent cover the feature of the bag closure *per se*. The subject matter of the hanger has been reserved for the present application.

While I have shown and described one embodiment of my invention it will be understood that this has been chosen for the purposes of illustration and that I do not desire to be limited to the details of construction, for obvious modifications will occur to a person skilled in the art.

Having thus fully described my invention, what I claim as new and desire to secure by Letters Patent, is:—

1. The combination, with a bag having a reinforced upper edge, of a hanger passing through said reinforced upper edge and bag and provided with attaching devices at each end, the attaching device at the inner end of the hanger being located within the bag, and a support for said bag intermediate said ends.

2. The combination, with a bag, of a hanger comprising a rod extending through one wall of said bag and having an attaching device at its outer end, the intermediate portion of said rod being bent to form a support for said bag and an attaching device at its inner end located within the bag and adapted to support the contents of said bag.

3. The combination, with a bag, the side of which is reinforced at its upper edge, of a hanger provided with a horizontal portion passing through said reinforced portion and side and attaching devices at its ends, the attaching device at the inner end of the hanger being located within the bag.

4. The combination, with a bag of a hanger provided with a portion extending through a wall thereof, said hanger having a portion within the bag extending down-

wardly and provided with an attaching device at its lower end and a portion on the outside of the bag for supporting both the bag and contents.

5. The combination, with a bag provided with an upper edge and an opening extending transversely of said edge, of a hanger provided with a horizontal portion rotatably mounted in said opening so that the hanger can be rotated to lie parallel with said edge.

6. The combination, with a bag having a single opening through the side thereof, of a hanger provided with a horizontal portion extending through said opening, an upwardly extending portion on the outside of the bag, a downwardly extending portion on the inside of the bag and attaching devices on the ends of said last mentioned portions.

7. The combination, with a bag having an opening through the side thereof, of a hanger provided with a horizontal portion extending through said opening, an upwardly extending portion on the inside of the bag to retain the same on said horizontal portion, an upwardly extending portion on the outside of the bag, a downwardly extending portion on the inside of the bag and attaching devices on the ends of said last mentioned portions.

8. In a hanger, a body portion provided with attaching devices at its ends one of said devices arranged for location outside of the bag and the other device arranged for location within the bag, and an intermediate device adapted to support and retain said bag thereon.

9. In a hanger, a one-piece body portion, having its ends bent to form attaching devices, one of said devices arranged for location outside of a bag and the other device arranged for location within the bag, and an intermediate portion bent to form a support and retain a bag thereon.

In testimony whereof I affix my signature.

BERTON I. RIKE.

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