No. 760,717. PATENTED MAY 24, 1904.

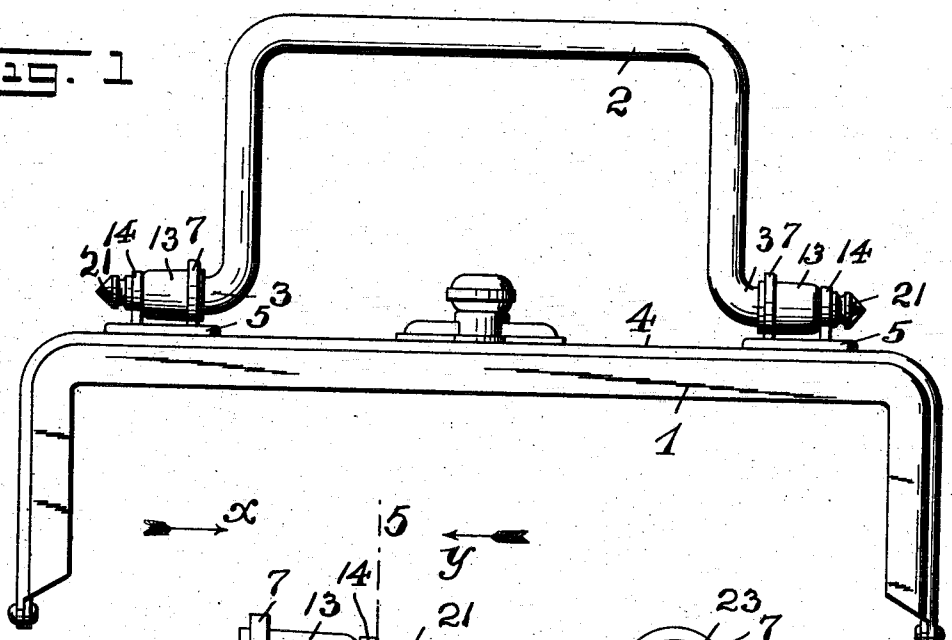
E. E. WITTE.

BAG FRAME HANDLE.

APPLICATION FILED FEB. 12, 1904.

NO MODEL.

Fig. 1



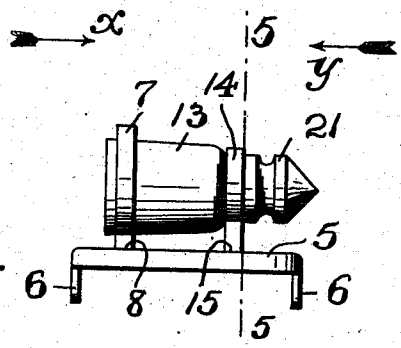


Fig. 2

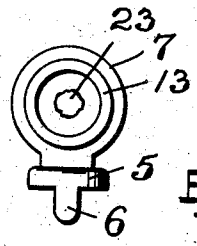


Fig. 3

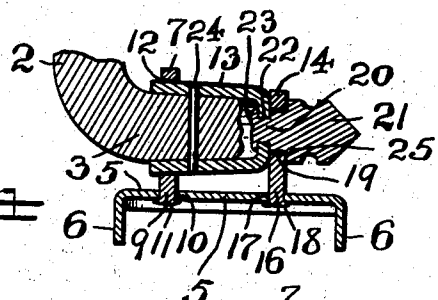


Fig. 4

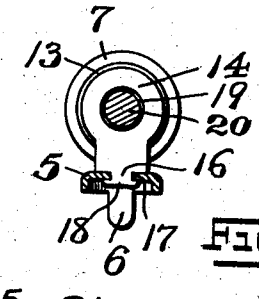


Fig. 5

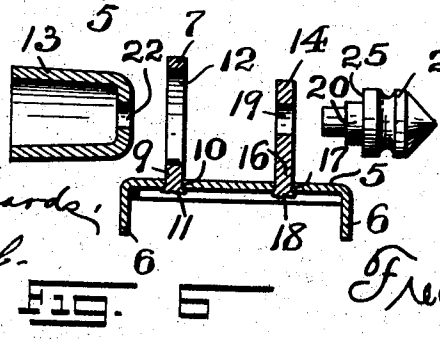


Fig. 6

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No. 760,717. Patented May 24, 1904.

UNITED STATES PATENT OFFICE.

ERNST E. WITTE, OF NEWARK, NEW JERSEY, ASSIGNOR TO THE J. E. MERGOTT COMPANY, A CORPORATION OF NEW JERSEY.

BAG-FRAME HANDLE.

SPECIFICATION forming part of Letters Patent No. 760,717, dated May 24, 1904.

Application filed February 12, 1904. Serial No. 193,253. (No model.)

To all whom it may concern:

Be it known that I, ERNST E. WITTE, a citizen of the United States, residing at Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Bag-Frame Handles; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to numerals of reference marked thereon, which form a part of this specification.

This invention relates to improvements in handles for the frames of bags and a novel means of attachment whereby the ends of the handles are pivotally connected with the bag-frames; and the invention has for its primary object to provide a simple, cheap, durable, and operative device or means for pivotally connecting the end portions of the handle (whether said handle is flexible, as when constructed of leather, or whether the handle is made solid, as when cast in metal) to the bag-frame.

A further object of this invention is to journal the ends of the handle in such a manner that a free and comparatively frictionless oscillatory movement may be secured and also that the wear and tear upon the ends of the handle caused by friction, which is a great objection in the ordinary arrangement and form of bag-frame handles, may be entirely removed from said ends and taken up by the metal thimble or cap forming a part of the improved construction of handle attachment.

Furthermore, my novel arrangement of supporting-posts and bearings in which the bag-handle is journaled does away with the objectionable feature of the handle binding in the bearings and of the bending or pulling out of shape of the bearings and journals, in consequence of which a free and frictionless oscillatory movement of the handle is produced.

My invention consists in the novel arrangements and combinations of the parts, as well as in the details of the construction of the same, all of which will be hereinafter more fully described and then finally embodied in the clauses of the claim.

The invention is clearly illustrated in the accompanying drawings, in which—

Figure 1 is a side elevation of a bag-frame and handle connected therewith by means of the attachment or device embodying the principles of my present invention. Fig. 2 is an enlarged side view of the handle attachment, comprising a thimble and a pair of posts, each post being provided with a bearing, in one of which the thimble is rotatively arranged and in the other of which is a rotatable shank, which is connected with the said thimble and is provided with a head to prevent lateral displacement. Fig. 3 is an end view of the handle attachment looking in the direction of the arrow *x* in said Fig. 2 and illustrating the retaining-socket of the thimble, in which the end portion of the handle is to be arranged and secured. Fig. 4 is a longitudinal vertical section of the said posts, bearings, and handle attachment, illustrating one manner of securing the same in their operative relation and showing a means of fastening the end portion of the handle in the retaining-socket of the thimble of the attachment. Fig. 5 is a transverse vertical section taken on line 5 5 in said Fig. 2 looking in the direction of the arrow *y*, illustrating one of the posts and its bearings and the shank of an ornamental rivet-head journaled in said bearing. Fig. 6 is a longitudinal vertical sectional representation of the respective parts of the attachment about to be assembled in their operative relation.

Similar characters of reference are employed in all of the above-described views to indicate corresponding parts.

Referring now to the said drawings, the reference character 1 indicates any suitable construction of bag-frame. 2 is the handle, which may be made of any flexible material, as leather or the like, or may be made solid, as of metal or other like material, and 3 indicates the respective end portions of the handle. Secured upon the upper surfaces of one of the frame-sections, as 4, of the said

bag-frame is a plate 5, which may be fastened to the said frame-section 4 in any suitable manner, but preferably by means of prongs or lugs 6 extending from the ends of the plate 5 and through openings in the frame-section 4. Each plate 5 is provided at one end with an upwardly-extending post 7, which is formed at its lower end with a shoulder 8 and a shank or lug 9, the said lug or shank 9 being inserted in an opening 10 in the said plate 5 and then upset or riveted over, as at 11, thus forming a secure and rigid fastening. The said post 7 is also provided with an opening 12, which forms a bearing in which is journaled a thimble or cap 13. Secured to the opposite end of the said plate 5 is another post, 14, also provided with a shoulder 15 and a shank or lug 16, which is inserted in the opening 17 of the plate 5 and then upset or riveted over, as at 18, for the purpose of furnishing a secure and rigid fastening. This post 14 is also provided with an opening 19, which forms a bearing in which is journaled the shank 20 of an ornamental rivet-head 21. The said shank 20 of the said ornamental rivet-head 21 is inserted in an opening or perforation 22 in the closed end portion of the thimble or cap 13 and is then upset or riveted over, as at 23, thus forming a secure connection with the said thimble or cap 13 and serving the double purpose of preventing the said thimble or cap 13 from slipping from its bearing 12 of the post 7 and also providing an extra bearing which tends to maintain all the parts in a true alinement, and thereby prevents the said parts from bending or binding and pulling out of shape, in such case making a free and comparatively frictionless oscillatory movement of the parts possible.

From an inspection of Figs. 1 and 4 it will be seen that the respective ends 3 of the handle 2 are inserted in the receiving-sockets of the thimbles or caps 13 and then permanently secured in place by means of suitable pins 24, which extend through perforations in the opposite sides of the thimbles and through the end portions of the handle, as illustrated.

In practice the parts of the attachment are assembled by inserting the closed but perforated end of the thimble or cap 13 through the opening 12 in the post 7 until the said end rests against the face of the post 14, bringing the opening 19 in said post 14 and the perforation 22 in alinement with each other. The shank 20 of the rivet-head 21 is then placed in the two holes 19 and 22 and its free end 23 upset or riveted over, as illustrated, and the attachment is then ready for the reception of the end portion 3 of the handle to be secured in place in the socket of the thimble or cap 13 by means of the pin 24, as has been herein above fully described, the closed end portion of the thimble and the shoulder 25 of the rivet-head, while permitting the rotary movement of the thimble, preventing all possible lateral movement and displacement of the thimble from the two post-bearings of the attachment.

I am aware that some changes may be made in the details of the construction of the parts of the device without departing from the scope of my present invention. Hence I do not limit my invention to the exact details of the construction of the various parts of the handle attachment.

Having thus described my invention, what I claim is—

1. The combination, with a bag-handle, of a plate and a pair of upwardly-extending posts, each post being provided with a bearing, a thimble provided with a receiving-socket journaled in the bearing of one of said posts, a shank journaled in the bearing of the other post, said shank being connected at one end with a portion of said thimble, and means at the opposite end of said shank to prevent lateral displacement of the said thimble and said shank from the bearings of said posts, substantially as and for the purposes set forth.

2. The combination, with a bag-handle, of a plate and a pair of upwardly-extending posts, each post being provided with a bearing, a thimble provided with a receiving-socket journaled in the bearing of one of said posts, a shank journaled in the bearing of the other post, said shank being connected at the one end with a portion of said thimble, and a shouldered rivet-head at the opposite end of said shank to prevent lateral displacement of the said thimble and shank from the bearings of said posts, substantially as and for the purposes set forth.

3. The combination, with a bag-handle, of a plate and a pair of upwardly-extending posts, each post being provided with a bearing, a thimble provided with a receiving-socket for the reception of the end of the bag-handle, a closed end portion connected with the said thimble arranged against the face of the other post, said closed end of the thimble being provided with a perforation in alinement with the bearing of the post against which the closed end of the thimble is arranged, a shank journaled in the bearing of said post and extending into the perforation in the closed end of said thimble and secured to said thimble, and means upon the free end of said shank to prevent lateral displacement of said thimble and said shank from the bearings of said posts, substantially as and for the purposes set forth.

4. The combination, with a bag-handle, of a plate and a pair of upwardly-extending posts, each post being provided with a bearing, a thimble provided with a receiving-socket for the reception of the end of the bag-handle, a closed end portion connected with the said thimble arranged against the face of the other post, said closed end of the thimble being pro-

vided with a perforation in alinement with the bearing of the post against which the closed end of the thimble is arranged, a shank journaled in the bearing of said post and extending into the perforation in the closed end of said thimble and secured to said thimble, and a shouldered rivet-head upon the free end of said shank to prevent lateral displacement of said thimble and said shank from the bearings of said posts, substantially as and for the purposes set forth.

In testimony that I claim the invention set forth above I have hereunto set my hand this 11th day of February, 1904.

ERNST E. WITTE.

Witnesses:

FREDK. C. FRAENTZEL,

JULIUS E. MERGOTT.