April 14, 1925. 1,533,149

H. TUECKMANTEL

BAG FRAME REGISTERING AND HANDLE CONNECTION

Filed April 5, 1923

Fig. 1.

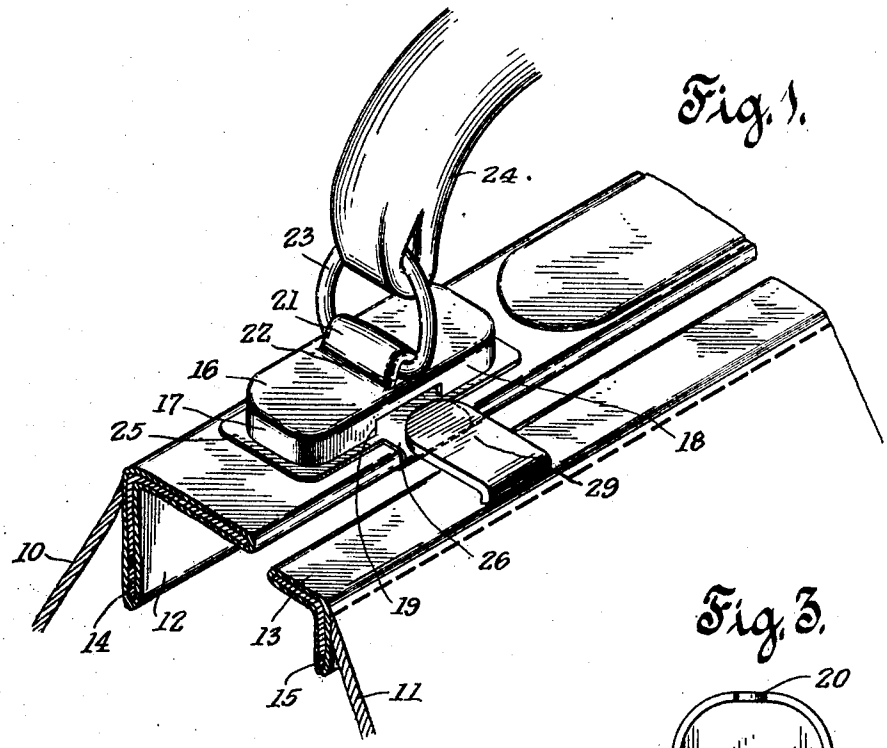


Fig. 2

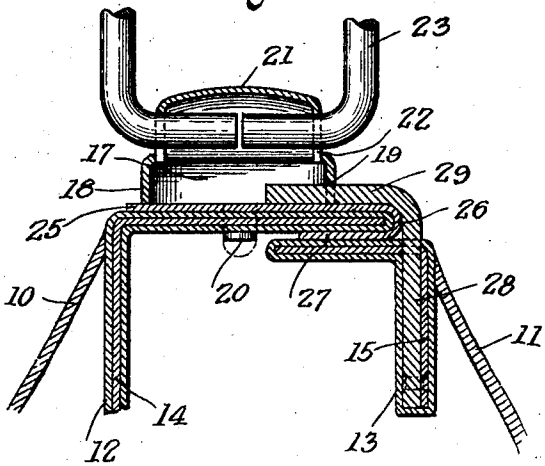
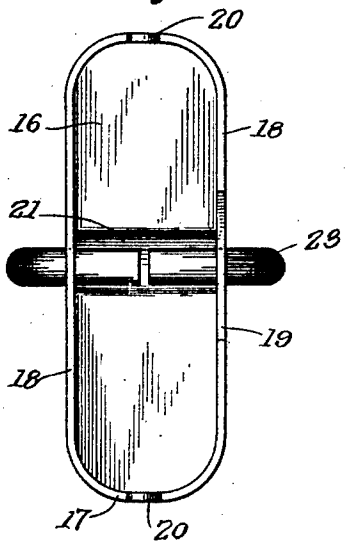


Fig. 3.



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UNITED STATES PATENT OFFICE.

HUGO TUECKMANTEL, OF NEWARK, NEW JERSEY, ASSIGNOR TO THE T. & L. CO. INC., OF NEWARK, NEW JERSEY, A CORPORATION OF NEW JERSEY.

BAG-FRAME REGISTERING AND HANDLE CONNECTION.

Application filed April 5, 1923. Serial No. 629,999.

To all whom it may concern:

Be it known that I, HUGO TUECKMANTEL, a citizen of the United States, residing at Newark, in the county of Essex and State of New Jersey, have invented new and useful Improvements in Bag-Frame Registering and Handle Connections, of which the following is a specification.

This invention relates to improvements in bag handle connections with special reference to bags of the type used in traveling, in which a pair of hingedly united frames control the bag opening and by which the bag is carried.

One of the objects of the invention is to provide a raised bracket, having a pivotally carried loop or ring to which the handle is attached, with a plate member disposed on the upper side of the frame and having a forwardly extending keeper element extending over the edge of the frame to engage its lower surface, which, in connection with prongs integral with the brackets, afford unusually secure engaging means.

Another purpose is to provide means in the bracket adapted to receive, guide and effectively maintain a lug or keeper secured to the opposite frame member in such manner as to compel registration, avoid distortion, relative lateral movement or separation of the frame members except by direct outward movement.

A further aim is in the provision of a strong, neat appearing handle connection of simple construction, readily made from sheet metal of suitable thickness by ordinary press operations.

These various objects are attained by the novel design and construction of parts hereinafter described in detail and shown in the drawing hereto annexed, and in which:—

Figure 1 is a perspective view showing fragments of a conventional type of bag and an embodiment of the invention applied thereto.

Figure 2 is a greatly enlarged transverse sectional view of the structure taken in a central plane.

Figure 3 is a bottom plan view of the upper or bracket casing element in detail.

The numerals 10 and 11 are used throughout the views to designate the respective side walls of the bag, the material of which is stitched to coverings 12 and 13 completely enveloping the angular frame members 14 and 15, this construction being that of usual manufacture.

A hollow oblong rectangular casing, having rounded corners and preferably made of sheet metal, is formed with a top plate 16, having uniformly flanged end and side edges 17 and 18, one of these side edges containing a shallow recess 19 opening downwardly.

A prong 20 extends centrally downward from each end wall 17 as shown by the broken lines in Fig. 2, adapted to pass through the horizontal element of the frame member 14 and be bent thereunder, thus rigidly securing the casing to the frame.

Centrally between the ends of the top plate 16 the material is shaped upwardly to form an ornamentally curved transverse ridge 21, open at its ends, as at 22, to pivotally receive and retain the inwardly bent, registering ends of a ring or loop 23 engaging the bag handle 24.

Intermediate the lower edges of the walls 17 and 18, and the top of the bag frame is interposed a base plate 25, the same extending marginally therebeyond as shown, and formed on the front edge of the plate, below the recess 19 is an extension 26 bent to tightly engage over the edge of the bag frame, its re-entrantly turned portion 27 being folded firmly against the underside of the frame.

It will be understood that appropriate openings are made in the plate 25 to permit passage therethrough of the prongs 20 and that the plate is thus held in rigid relation with the casing, securely on the frame.

Firmly secured to the other member 15 of the bag frame, by rivets or other fastening means, is the vertical element 28 of a keeper 29, the same passing through the upper horizontal portion of the frame member to a spaced distance thereabove corresponding to the combined thickness of the opposite frame element, as covered by the plate extension, the frame member passing below the element 27 and the forwardly extending keeper element 29 entering the recess 19, over the plate 25.

The forward or entering end of the keeper 29 is rounded to readily enter the recess and its main portion is proportioned as to neatly fit the same, so that when in engagement the frame members are prevented from relative movement in any direction whatever, later-

ally or vertically, but can be separated by drawing apart by a direct straight pull outwardly.

This simple but effective device avoids sagging of one frame member relative to the other, compels registration prevents distortion and obviously prolongs the usefulness of the bag beyond the ordinary period.

Although the foregoing is descriptive of the preferred embodiment of the invention, it will be apparent that minor changes may be made in its construction, without the exercise of invention or conflicting with the scope of the claims hereto appended.

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

1. A bag handle connection comprising a recessed casing fixedly engaged on one member of the bag frame, integral means for pivotally connecting a handle ring therewith, a base plate below said casing, an extension on said plate reaching over the edge and below the frame and a means adapted to frictionally engage the recess in said casing for holding the frame members of said bag in register.

2. A bag handle connection comprising a recessed casing having a raised transverse ridge open at its ends, a handle carried ring pivotally mounted in said ridge, a base plate extending marginally beyond said casing, prongs integral with the ends of said casing passing through said base plate and bag frame on which it is mounted, said prongs upon being bent acting to prevent separation, an extension on said plate bent re-entrantly to enfold the edge of the bag frame and a means on one of the frame members of said bag adapted to frictionally engage the recess in said casing for holding the frame members of said bag in register.

3. A bag handle connection comprising a casing having a recess in its front wall, a transverse ridge on said casing, a ring pivotally engaged in said ridge, said ring being attached to a handle, a base plate below the casing, means integral with said casing and passing through said plate by which the casing is rigidly held to one of the bag frame members, an element on said base plate extending around the edge and under the frame in front of the mentioned recess, and a keeper bar fixed to the other frame member suited to enter the recess when the bag is closed maintaining the frame members in register.

4. A bag handle connection comprising a casing having a recess in its front wall, a transverse ridge on said casing, a ring pivotally engaged in said ridge, said ring being attached to a handle, a base plate below the casing, means integral with said casing and passing through said plate by which the casing is rigidly held to one of the bag frame members, a clamp element formed with said plate engaging said frame below the mentioned recess, and a keeper bar having a part extending from the other bag frame member to engage over said clamp element in the mentioned recess, said keeper having a rounded forward end and fitted to fill the recess.

This specification signed and witnessed this 3rd day of April, 1923.

HUGO TUECKMANTEL.

Witnesses:
FRED'K C. FISCHER,
FERDINAND NOLL.