METHOD OF MAKING CHANNELED BAG FRAMES

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This invention has reference to improvements in the manufacture of frame sections for bags and purses, especially for traveling, chatelaine and similar bags.

The object of my invention is to overcome present difficulties in dispensing with the numerous simple means for connecting the pivot members with the main body of the frame section, in order to produce a bag frame with sharp angular corners, by making a frame from one piece of material, thereby producing a neat, sharp and solid corner angle free from open joints and one in which the cracking or puckering of the metal at the corners of the frame during the process of manufacture of the same is entirely overcome.

These and other advantageous objects, which will later appear, are accomplished by the simple and practical construction, combination and arrangement of parts hereinafter described and exhibited in the accompanying drawing, forming part hereof, and in which:

Fig. 1 illustrates a perspective face view of a bag-frame section comprising a main body and its pivot members bent at right angles to said main body, the parts being secured in their angular relation by means embodying the principles of the present invention.

Fig. 2 illustrates a metal strip blank which subsequently forms the bag frame member.

Fig. 3 illustrates a face view of a portion of the main body of the frame-section and a portion of one of its connected pivot members after the strip has been channelled but before the latter is bent and secured in its angular and bent relation to the said main body.

Fig. 4 illustrates a portion of the channelled blank partly bent.

Fig. 5 illustrates a sectional view of one of the bent corner portions of a frame-section.

Fig. 6 illustrates a perspective view of the same.

Similar letters of reference refer to like parts throughout the specification and drawing.

In describing the process forming a part of my invention I will simultaneously describe the product of the same, so that those skilled in the art to which it pertains may gain a full knowledge of the process, as well as the product.

In Fig. 2, I have shown a metal strip which subsequently forms the bag frame member, and it will be seen that during the process of producing the channelled and angularly bent frame member, consisting of the main body 1 and its pivot members 2, before they are channelled and bent at right angles to the said main body, the said strip is provided at the points where it is to be bent with oppositely arranged, preferably triangular-shaped openings 3—3, separated by the connecting strip 4, the apex of said openings 3 terminating a short distance from the edges of the strip.

After the metal strip has been channelled as illustrated in Fig. 3, the strip 4, which is a part of the bottom wall 5 of the channelled strip and of a width corresponding to the inside of the channel, so that when the main body member 1 and the hinge member 2 are bent as indicated in Figs. 4 and 5 and 6 of the drawing so as to form a bag frame section comprising a main body and an integral pivot member at each end of said body member, the said strip 4 will be doubled or bent upon itself as shown at 6 in Fig. 4, and when the hinge member 2 is completely bent at a right angle to the body member 1 the doubled up strip 4 will be, by suitable means, pressed firmly against and into locking engagement with the inside wall of the hinge member 2 and acts as a retaining lug to produce a neat, sharp and solid corner angle and one in which the cracking or puckering of the metal at the corners of the frame during the process of manufacture of the same is entirely overcome.

The foregoing disclosure is to be regarded as descriptive and illustrative only, and not as restrictive or limitative of the invention, of which obviously an embodiment may be constructed including many modifications without departing from the general scope herein indicated and denoted in the appended claims.

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

1. The method of making a channelled bag frame, having a sharp angle corner, from a flat metal strip, which consists in providing the strip with a pair of spaced parallel openings separated by a connecting strip, the apices of said openings terminating a short distance from the edges of the metal strip, then bending the metal strip into a channel shape so that the connecting strip will be a part of the bottom wall of the channel and the openings will be oppositely arranged in the side walls of the channel, then bending the channelled strip so that the connecting strip will be doubled or bent upon itself and the side walls of the channel will close the openings therein.

2. The method of making a channelled bag frame, having a sharp angle corner, from a flat metal strip, which consists in providing the strip with a pair of spaced parallel openings separated by a connecting strip, the apices of said openings terminating a short distance from the edges of the metal strip, then bending the metal strip into a channel shape so that the connecting strip will be a part of the bottom wall of the channel and the openings will be oppositely arranged in the side walls of the channel, then bending the channelled strip so that the connecting strip will be doubled or bent upon itself and the side walls of the channel will close the openings therein.
ings terminating a short distance from the edges of the metal strip, then bending the metal strip into a channel shape so that the connecting strip will be a part of the bottom wall of the channel and the openings will be oppositely arranged in the side walls of the channel, then bending the channel strip so that the connecting strip will be doubled or bent upon itself and the side walls of the channel will close the openings therein.

4. The method of making a channelled bag frame, having a sharp angle corner, from a flat metal strip, which consists in providing the strip with a pair of spaced parallel triangular openings separated by a connecting strip, the apices of said openings terminating a short distance from the edges of the metal strip, then bending the metal strip into a channel shape so that the connecting strip will be a part of the bottom wall of the channel and the openings will be oppositely arranged in the side walls of the channel, then bending the channel strip so that the connecting strip will be doubled or bent upon itself and the side walls of the channel will close the openings therein, and then pressing the doubled connecting strip against the bottom wall of the channel adjacent thereto.

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