No. 837,301. PATENTED DEC. 4, 1906.

C. HIERING & A. FULLER.

BAG FRAME.

APPLICATION FILED NOV. 25, 1905.

Fig. 1.

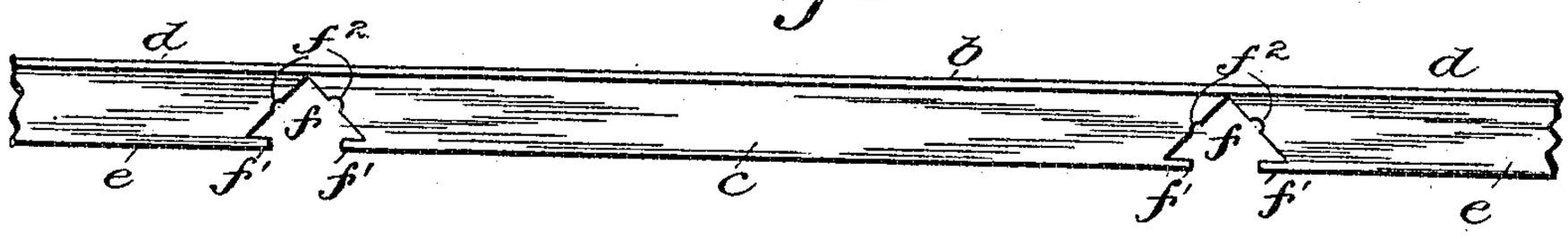


Fig. 3.

Fig. 2.

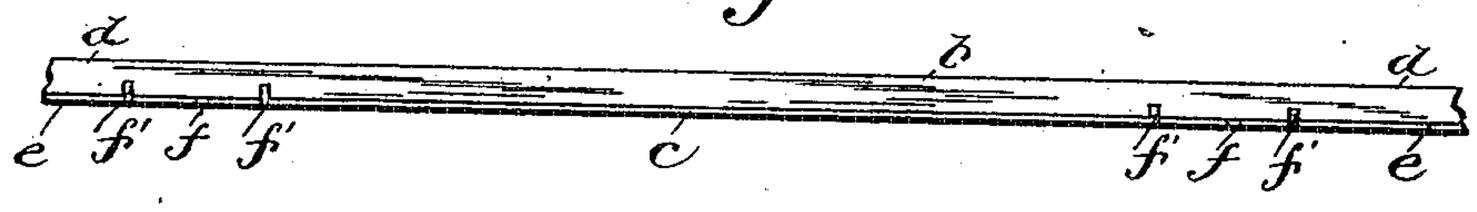
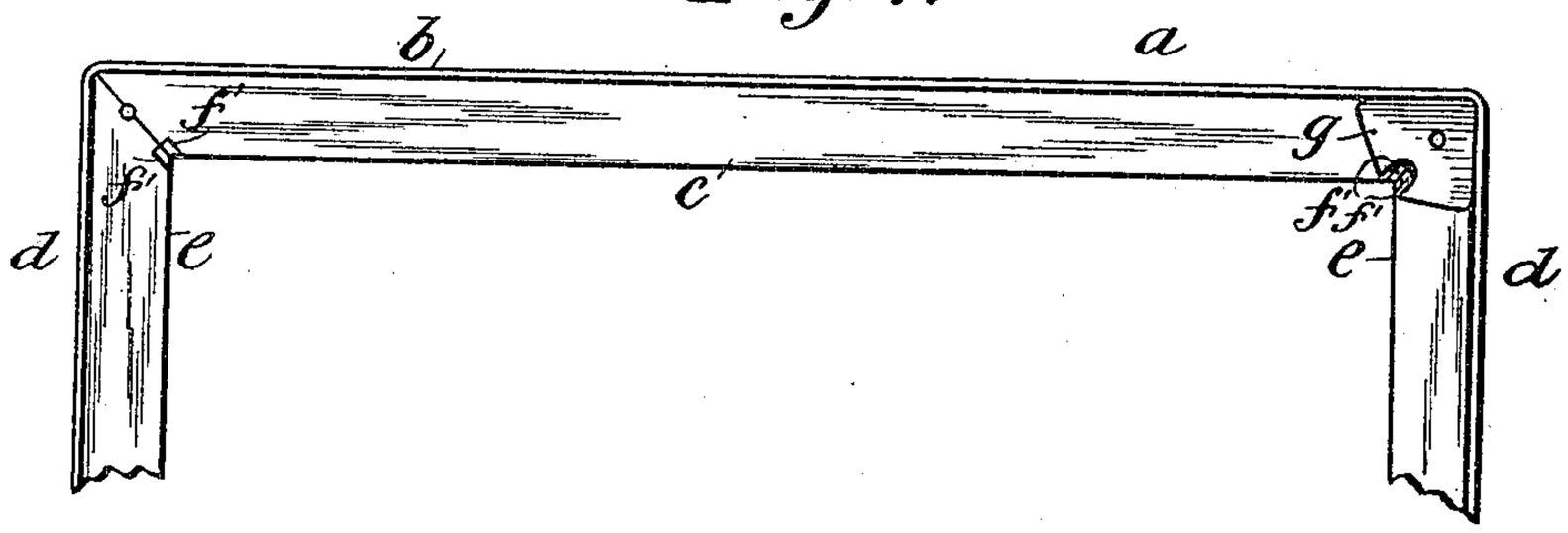


Fig. 4.



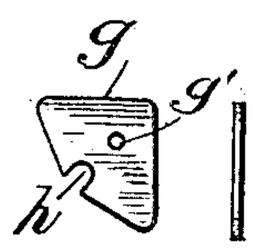


Fig. 5.

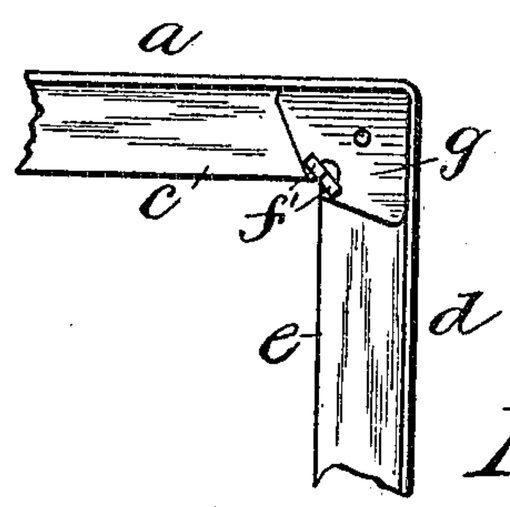


Fig. 6.

Witnesses:
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UNITED STATES PATENT OFFICE.

CHRISTIAN HIERING AND ALBERT FULLER, OF NEWARK, NEW JERSEY, ASSIGNORS TO J. E. MERGOTT COMPANY, OF NEWARK, NEW JERSEY, A CORPORATION OF NEW JERSEY.

BAG-FRAME.

No. 837,301. Specification of Letters Patent. Patented Dec. 4, 1906.

Application filed November 25, 1905. Serial No. 289,022.

To all whom it may concern:

Be it known that we, CHRISTIAN HIERING and ALBERT FULLER, citizens 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-Frames; and we 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 characters of reference marked thereon, which form a part of this specification.

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 our invention is to provide a novel means for positively connecting the bent or right-angle portions of the members of the frame-section at a point where the pivot members are bent with the main body at right angles without the use of rivets and without causing the metal to pucker, crack, or break at the said corners during the process of bending the parts and to produce a neat and sharp corner-angle, as will hereinafter appear.

The principal object of the invention is to provide a simply-constructed bag-frame section which consists of a main body and a right-angled pivot member at each end of said main body, the said main body and said right-angled pivot member each being provided with a right-angled lip portion, all arranged to provide sharp angles between said parts and an angle-plate arranged over the junction of the right-angled lip portion of the main body with the lip portion of each pivot member, said portions provided with integral projections and means connected with said angle-plate which is arranged over the lip portions of the said main body and pivot members for securing said angle-plate in position.

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

Figure 1 is a rear view of the main body of the frame-section with its connected pivot members before the latter is bent and secured in its angular and bent relation to the said main body. Fig. 2 is a side view of the same, illustrating the projections turned up at right angles to the lip portion of the frame. Fig. 3 is an end view of the same. Fig. 4 is a face view of a bag-frame section comprising a main body and its pivot members bent at right angles to said main body and illustrating one pivot member provided with an angle clip or plate before the same is permanently secured on the bag-frame section. Fig. 5 is a plan view of the angle-clip employed with the construction shown in Figs. 4 and 6. Fig. 6 is a rear view of a right-angled or sharp corner portion of a frame-section provided with a holding-clip for securing the parts in their connected and fastened relation.

Like letters of reference indicate corresponding parts.

Referring now to the drawings, *a* represents a complete frame-section embodying the principles of our present invention, the same comprising a main body portion *b* and right-angled lip *c*, and the end or pivot members *d* being also provided with a right-angled lip *e*, substantially as illustrated.

From an inspection, more especially of Figs. 1, 4, and 6 of the drawings, it will be seen that during the process of producing the angular bent frame member or section, consisting of the said main body *b* and its pivot members *d* before they are bent at right angles to the said body, the said frame member or section is made at the points where said member or portion is to be bent to produce the said above-mentioned main body *b* and its pivot members *d* with a triangularly-shaped open part or cut-away portion *f*, and provided with the projections *f'*, which, as illustrated in Fig. 2, are bent up at right angles to the main body of the frame-section before the frame-section is bent into the shape as illustrated in Fig. 4.

g represents a clip or angle-plate, preferably made of a triangular configuration so as to be neatly fitted in the produced corner of the frame-section, as shown in Figs. 4 and 6. This clip or angle-plate *g* is provided with a recess *h* for the reception of the two rectangular projections *f' f'*, which are formed integral with the right-angled lips *e* and *c*.

By application of pressure upon the parts *f' f'* when assembled as shown in Fig. 4 or by

spreading the members *f' f'* so that they will overlap the clip or angle-plate as illustrated in Fig. 6 all of the said parts will be tightly bound together, and there is then no possibility of the said pivot members when thus connected at right angles with the main body of the frame-section becoming separated by distortion from the frame-section due to any undue strain that may be brought upon the corners of the completed frame.

In cutting out the triangular portions *f* from the L-shaped strip of metal we also cut away the metal to form the semicircular notches f^2, which come together and form the apertures, as shown in Fig. 4, which register with corresponding apertures *g'* in the angle-plate *g* to form rivet-holes for securing the leather or other material forming the bag to the frame.

It will thus be seen that we have produced a simple means for connecting the said pivot members with the main body of the frame-section for providing bag-frame sections with sharp angular corners to produce a neat and strong frame in which the cracking or puckering of the metal at the corners of the frame-section during the process of the manufacture of the same is entirely overcome.

We claim—

1. A bag-frame section formed of an L-shaped strip of metal having triangular notches cut in one limb of said strip, the other limb of said strip being bent at the apex of said notches to form a main body and right-angled pivot members, projections from said first-named limb upon both the main body and pivot members, angle-plates fitted into the angles formed by main body and pivot members and secured in position by said projections.

2. A bag-frame section comprising a main body and pivot members bent at an angle to said main body, projections upon the meeting edges of said main body and pivot members, said projections being bent at right angles to the plane of the bag-frame sections, and notched angle-plates fitted into the corners formed by the main body and pivot members and secured in position by said projections.

3. A bag-frame section comprising a main body and an integral pivot member at each end of said main body, right-angle projections upon the pivot members and main body at their junction, angle-plates fitted over the junction of said main body and pivot members and secured in position by said projections.

4. A bag-frame section formed of a metal strip L-shaped in cross-section and having triangular notches cut in one limb thereof, the other limb being bent at an angle to form a main body and two pivot members, projections upon the main body and pivot members at their junction and an angle-plate fitted over said junction and secured in position by said projections.

5. A bag-frame section, comprising a main body and a right-angled pivot member at each end of said main body, the said main body and said right-angled pivot members each being provided with a right-angled lip portion, all arranged to provide sharp angular connections between said parts, an angle-plate arranged over the junction of the right-angled lip portion of the main body with the lip portion of each pivot member, said lip portions having projections, and means connected with said angle-plate which is arranged over the lip portions of the said main body and pivot members, for securing said angle-plate in position.

6. A bag-frame section, comprising a main body and a right-angled pivot member at each end of said main body, the said main body and said right-angled pivot members each being provided with a right-angled lip portion, all arranged to provide sharp angular connections between said parts, an angle-plate arranged over the junction of the right-angled lip portion of the main body with the lip portion of each pivot member, said lip portions having projections, and means connected with said angle-plate which is arranged over the lip portions of the said main body and pivot members, for securing said angle-plate in position, consisting of an opening in said angle-plate to receive the said projections on the said lip portions.

This specification signed and witnessed this 23d day of November, 1905.

CHRISTIAN HIERING.
ALBERT FULLER.

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