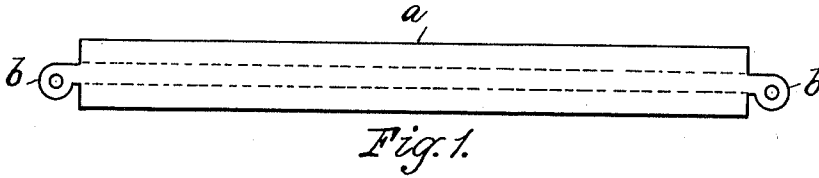
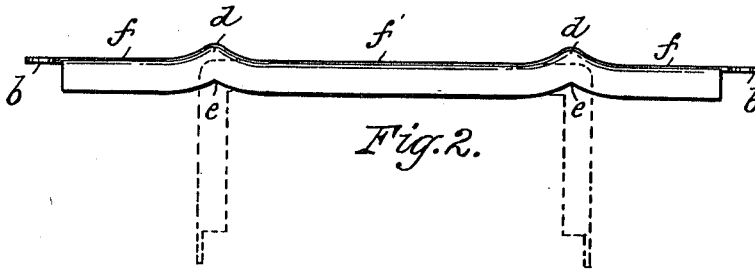
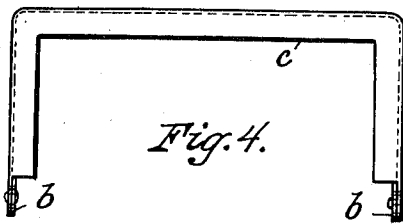
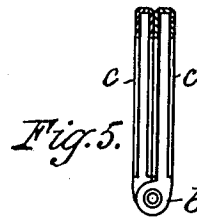


F. A. FULLER.
BAG FRAME.
APPLICATION FILED MAY 9, 1910.

1,031,435.

Patented July 2, 1912.



WITNESSES:

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BAG-FRAME.

1,031,435.

Specification of Letters Patent.

Patented July 2, 1912.

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To all whom it may concern:

Be it known that I, FRANZ A. FULLER, a citizen of the United States, residing in the city of Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Bag-Frames; 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 pertains to make, construct, and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

This invention has reference to improvements in the manufacture of frames 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 the manufacture of the same, is entirely overcome.

In the accompanying drawings forming a part of this specification, Figure 1 illustrates the blank which subsequently forms the bag frame member, preparatory to channeling the member and making the bend to form the square corner. Fig. 2 illustrates the blank after being channeled and the method of bending the channeled blank member to form the square corner. Fig. 3 represents a plan view of the same. Fig. 4 illustrates a front elevation of a bag frame; and Fig. 5 is a cross-section of the same.

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

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 of the product.

In Fig. 1, I have shown a sheet metal

blank *a* as it is punched out. The blank *a* comprises a main body portion provided at its extremities with ears *b*. To complete the frame members *c, c* with sharp corners, the blank *a* is first placed in a suitable die and the central portions of the blank *a* are channeled along the dotted lines of Fig. 1, so that a cross-section is, as shown in Fig. 5, and a side elevation is, as shown in Fig. 2. It will be seen from an inspection of Fig. 2, that the blank when channeled as described is also simultaneously formed with the cusps *d, d* on the upper side and the notches *e, e* on the opposite or under side. After the blank *a* is channeled, and provided with the cusps and notches, as heretofore described, the hinge members *f, f* are bent at right angles to the main body member *f'*, as illustrated in Fig. 2. The cusps *d, d* will be found to contain a sufficient amount of material to stretch around the angle of the bend without weakening the same, and form a sharp and square corner which is so much to be desired in bag frames of the character to which my bag frame relates. At the same time, the notches *e* upon the opposite underside of the blank are of such shape and dimensions, so as not to pucker or form ridges during the process just described. If it is attempted to bend a straight piece of material, such as bag frames are usually made from, it will be found that the inner corner will be puckered and covered with ridges, while the outer edge will be found to have stretched to such an extent as to appear ragged and present a cracked and unsightly appearance.

By the process described, I am enabled to produce a bag frame member which is composed of a single piece of metal, and without the usual open joints and angled connections, and yet, by the exercise of this process, I am able to produce the frame with a minimum of waste material, and at the same time, preserve maximum strength at the hitherto weakened point in the frame.

I claim:

1. A blank for forming bag frames comprising a straight channeled strip of sheet metal U-shaped in cross section, the side walls of said strip being continuous from end to end of the blank, the outer wall of said channeled strip being provided with outwardly projecting cusps and the edges

of the side walls of said channeled strip being provided with notches therein adjacent said cusps.

2. A blank for forming bag frames comprising a straight channeled strip of sheet metal U-shaped in cross section, having continuous unbroken side walls extending from end to end of the blank, the outer wall of said channeled strip being provided with
5 outwardly projecting cusps and the edges of
10 the side walls of said channeled strip being

provided with V-shaped notches therein adjacent the cusps, the distance between the apices of said notches and the outer wall of the adjacent cusps being substantially equal 15 to the width of the side wall of the blanks.

This specification signed and witnessed this 6th day of May, 1910.

FRANZ A. FULLER.

Witnesses:

FREDK. C. FISCHER,
C. A. ALLISTON.