

(No Model.)

H. C. HUNTER.

COMBINED BODY BLANK AND CONNECTING STRIP FOR PACKING CANS.

No. 604,394.

Patented May 24, 1898.

Fig. 1.

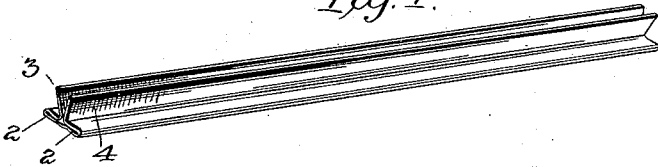


Fig. 2.

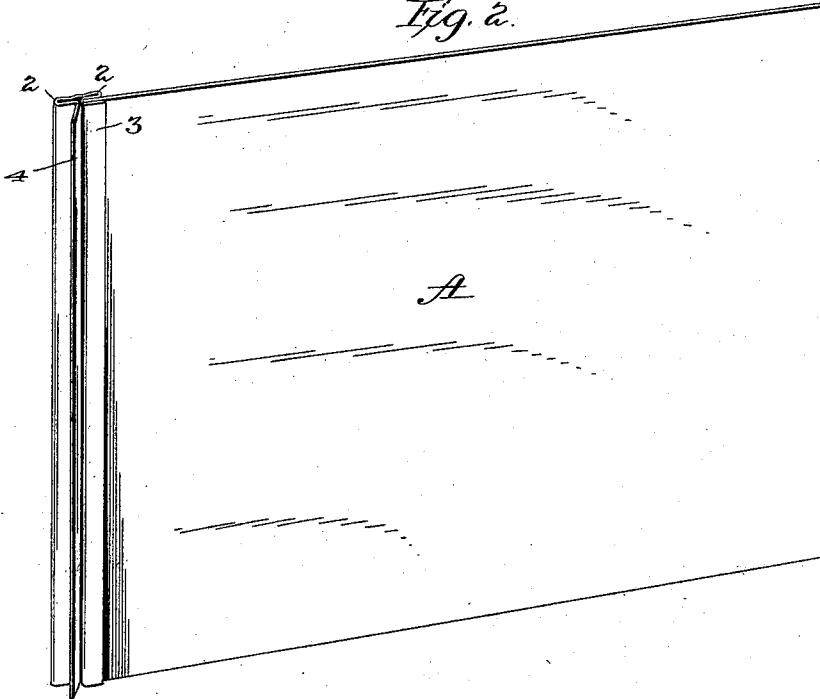
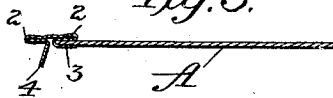


Fig. 3.



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COMBINED BODY-BLANK AND CONNECTING-STRIP FOR PACKING-CANS.

SPECIFICATION forming part of Letters Patent No. 604,394, dated May 24, 1898.

Application filed January 23, 1896. Renewed October 22, 1897. Serial No. 656,064. (No model.)

To all whom it may concern:

Be it known that I, HENRY CLARKSON HUNTER, a citizen of the United States, residing at Alameda, in the county of Alameda and State of California, have invented certain new and useful Improvements in a Combined Body-Blank and Connecting-Strip for Packing-Cans, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to cans for putting up food products and for like purposes, and more particularly to that class in which the body is of fibrous material, such as stout paper or paper-board. Heretofore cans have been made having a body composed of such fibrous sheets united at the edges by means of a sheet-metal strip formed with flanges, which strip is united with the meeting edges of the blank by means of the flanges pressed upon said edges. This form and combination is shown in Letters Patent of the United States granted to me on the 7th day of March, 1893, and numbered 492,804, 492,805, and 492,806. In these patents is shown a form of the connecting-strip similar to that shown herein and arranged to connect the edges of the body-blank so as to form a can-body. Some difficulties occur in the use of these strips. They are shipped with the blanks and out of these and the other parts the blanks are formed into cans by the packer. Some of the strips are liable to be lost, and this loss renders the remaining parts of the sets unavailable. To avoid this and to facilitate the handling, shipping, and putting together of the parts, which are made separately as articles of manufacture, I have combined the strip and blank into one article, and for this purpose have somewhat modified the shape of the strip.

My invention is illustrated in the accompanying drawings, in which—

Figure 1 shows the strip in perspective. Fig. 2 represents, in perspective, the body-blank with the strip attached. Fig. 3 shows the blank in transverse section.

In the drawings, A represents the body-blank, which is made of a fibrous sheet in rectangular form and may have the label upon its face and be in all respects fitted and ready for the formation of the can, requiring only to be bent into shape and to be connected at the edges and supplied with a top and bottom.

The strip B is made of thin sheet metal in

the form of a plain strip, which is rolled or stamped out into the shape, substantially, of a T-beam. The flanges 2 2 are formed of double thickness, the metal being bent back upon these and then upward to form two flanges 3 and 4, each of single thickness and diverging from each other. The plain backs of the flanges 2 2 form the outside of the strip when in place on the can-body.

Between the inner faces and the outwardly-inclined flanges 3 and 4 are placed the edges of the blank to be united. To form the combined blank and strip, I place one edge of the blank in the angle upon the inner face of the double thickness of the flange, and then bend down one of the diverging flanges (3, for example) upon the said edge of the strip. The flange is pressed down forcibly, so as to form a tight joint with the fibrous and yielding material of the edge. The other flange remains in position, leaving the angle on its side ready to receive the other edge of the body-blank. In this shape the combined blanks and strips are ready for shipment, storage, or use. In forming the bodies therefrom the blank is bent into the required form and the unattached edge is brought around and lapped on the back flange and underneath the inclined flange 4, which is then bent down upon the said edge firmly, so as to clamp it and unite the parts and form them into a can-body.

I claim—

1. A combined can-body blank and attaching-strip, the said strip having flanges clamped on one edge of the blank, and two flanges open to receive the other edge, substantially as described.

2. A body-blank for cans, comprising the sheet of material and an attaching-strip secured permanently to one edge thereof, said strip having the double flanges 2, 2, in the same plane, the flange 3 clamping the strip between itself and one double flange 2 and the flange 4 extending at an angle to the second double flange 2 to receive the free edge of the sheet when the same is bent to the form of the can-body.

In testimony whereof I affix my signature in presence of two witnesses.

HENRY CLARKSON HUNTER.

Witnesses:

HENRY E. COOPER,
WM. F. HALL.