O. C. STAFFORD.

Elevator Cup.

No. 235,309. Patented Dec. 7, 1880.

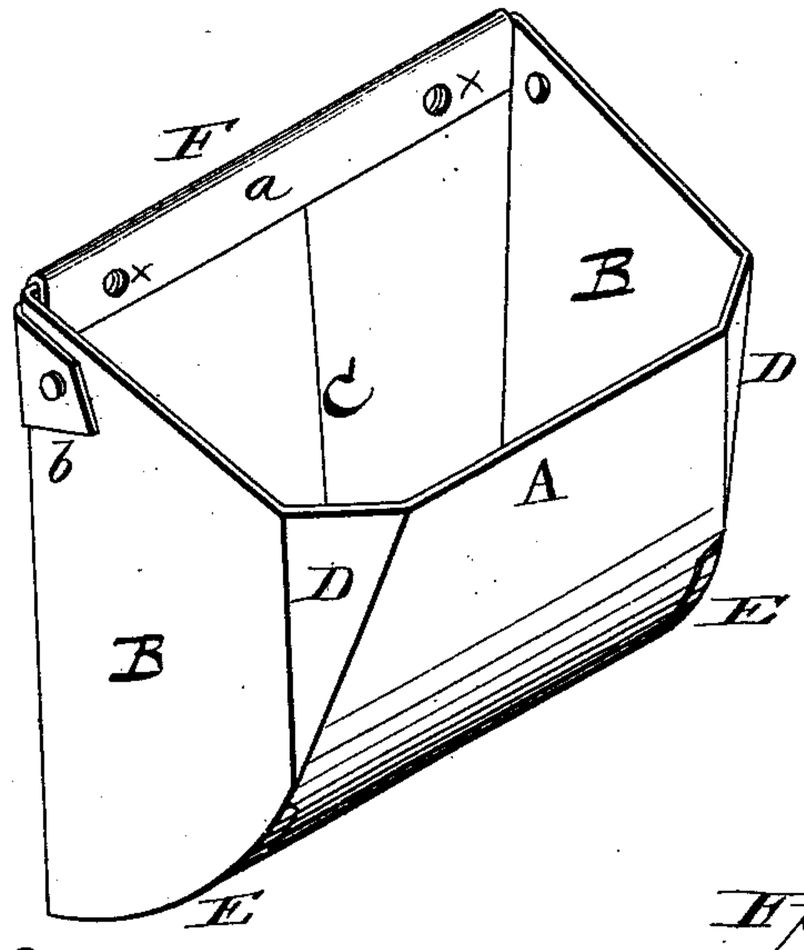
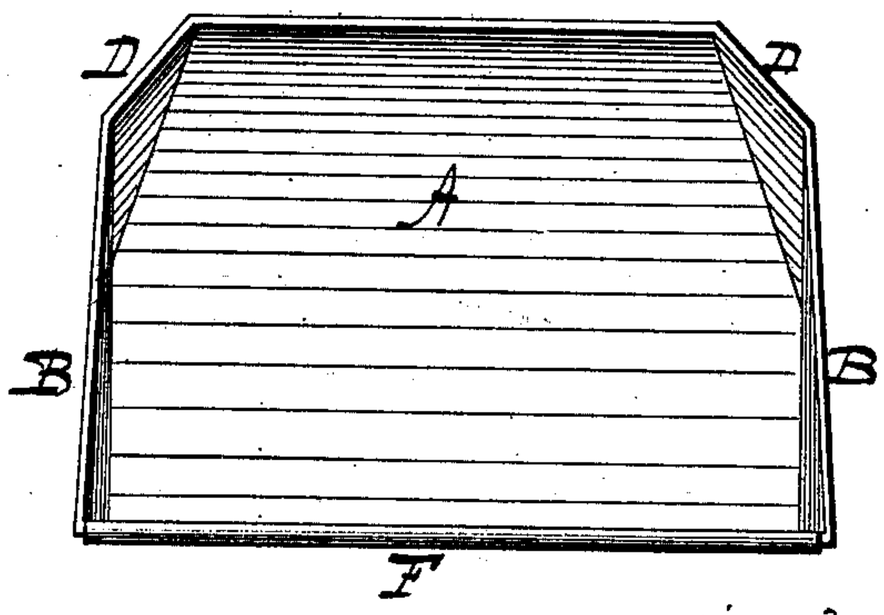


Fig. 1.

Fig. 4.

Fig. 2.



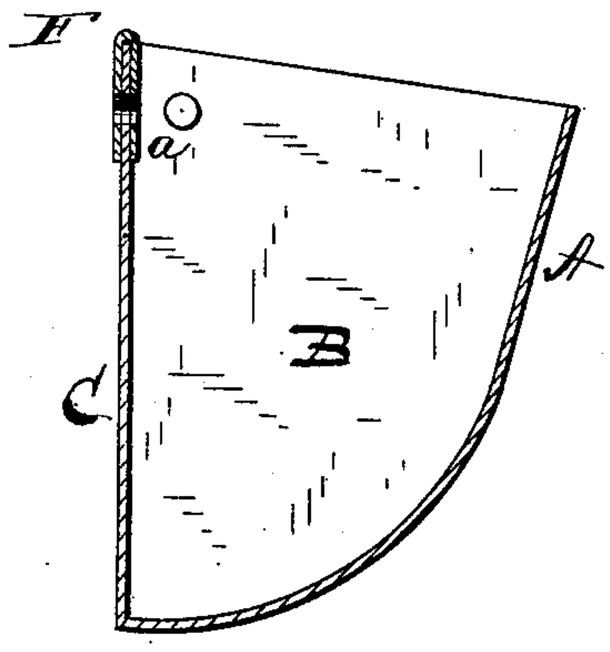
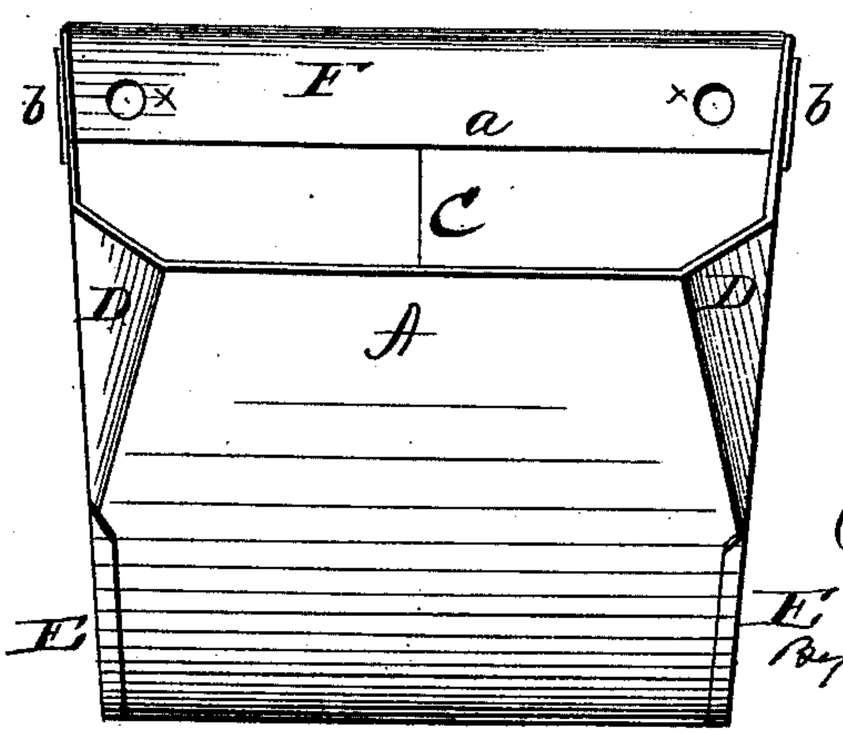


Fig. 3.



Witnesses:

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Atty

UNITED STATES PATENT OFFICE.

OSCAR C. STAFFORD, OF MINNEAPOLIS, MINNESOTA, ASSIGNOR OF ONE-HALF TO LAC STAFFORD, OF SAME PLACE.

ELEVATOR-CUP.

SPECIFICATION forming part of Letters Patent No. 235,309, dated December 7, 1880.

Application filed January 23, 1880.

To all whom it may concern:

Be it known that I, OSCAR C. STAFFORD, of Minneapolis, in the county of Hennepin, and in the State of Minnesota, have invented certain new and useful Improvements in Elevator-Cups; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

My invention relates to that class of elevator-cups which are formed of one or more pieces of sheet metal, and is intended as an improvement upon Letters Patent No. 196,496, granted to me October 23, 1877; and the nature of my invention consists in constructing the bucket with its front round or square, with the corners flattened at the top, and with square corners at the bottom, and also in a strengthening-band applied to the top of the bucket, all as hereinafter more fully set forth, and embraced in the claims.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawings, in which—

Figure 1 is a perspective view of my elevator-cup. Fig. 2 is a cross-section of the same. Fig. 3 is a plan view, and Fig. 4 a front view of the bucket.

The blank from which my improved elevator-cup is made may be constructed precisely in the same manner as described in my former patent, above referred to, so that when fastened the front and bottom A, sides B B, and back C will be all in one piece, and no seam in the front; but I do not confine myself to making the blank of one piece, as it may be made of more than one piece if any advantage may be gained thereby.

At the top the front A is made either straight or rounded, while the corners are flattened, as shown at D D, by which means I prevent any sharp projecting angles or corners that would be liable to wear and become ragged, and that might dig into the sides of the case. It also prevents the contents of the cup from lodging in the same, which it is always liable to do where square corners are used.

F represents a strengthening-band, which is placed along the back at the top, and a flange, *a*, turned down over the edge on the inside. The ends *b b* of the band F are turned on the sides of the cup and riveted thereto, as shown.

The holes *x x*, for the passage of the rivets to fasten the cup to the belt, may be made through the flange *a* also; but in all cases they are made through the body of the strengthening-band.

The band F may be made to pass entirely around the top edge of the cup, if desired.

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

1. An elevator-cup struck up from sheet metal to form the combined front and bottom A, sides B B, and back C, and having the flattened front corners, D D, substantially as and for the purposes herein set forth.

2. The elevator-cup herein described, struck up from sheet metal to form the combined front and bottom A, sides B B, and back C, and having the flattened front corners, D D, and the back and sides provided with a strengthening-band F, all substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 19th day of January, 1880.

OSCAR C. STAFFORD.

Witnesses:

E. MORSE,

L. STAFFORD.