W. G. AVERY.

ELEVATOR BUCKETS.

No. 183,525. Patented Oct. 24, 1876.

Fig. 1.

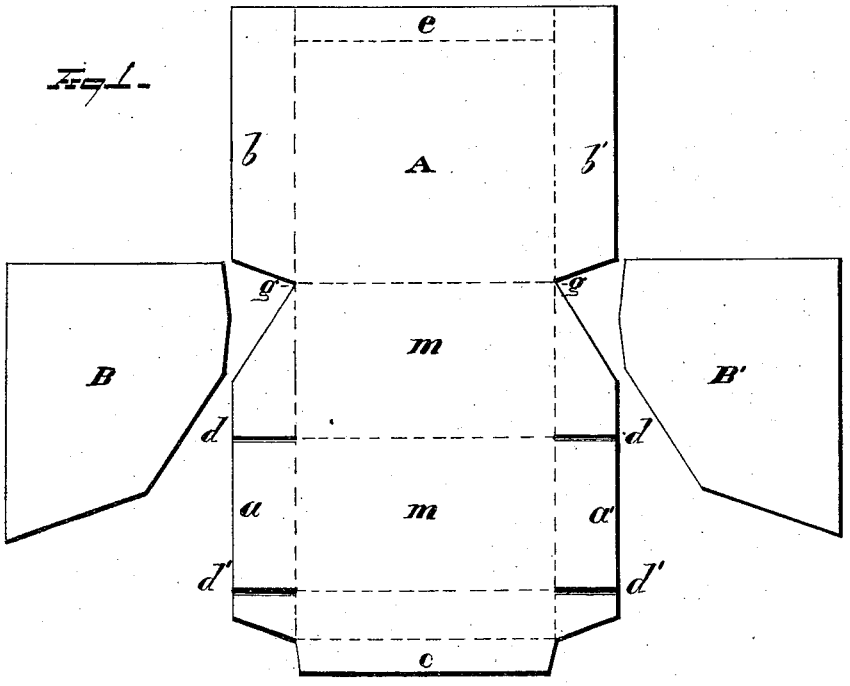
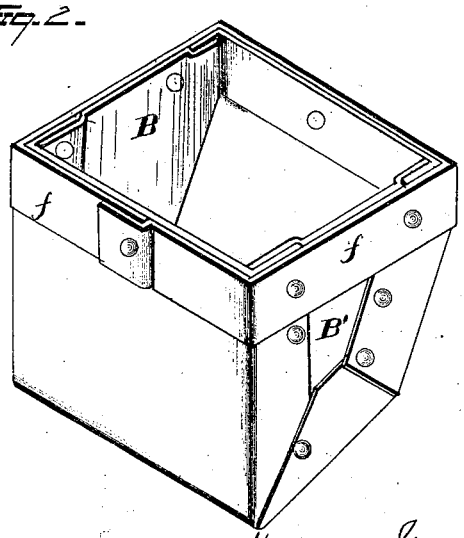


Fig. 2.



WITNESSES

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WILLIAM G. AVERY, OF CLEVELAND, OHIO.

IMPROVEMENT IN ELEVATOR-BUCKETS.

Specification forming part of Letters Patent No. **183,525**, dated October 24, 1876; application filed September 1, 1876.

To all whom it may concern:

Be it known that I, WILLIAM G. AVERY, of Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Elevator-Buckets; 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 and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to an improvement in elevator-buckets.

In the drawing, Figure 1 represents a developed view of the principal and side blanks, which, together, form the bucket. Fig. 2 is an isometric view.

The invention consists in the shape of the principal blank, which, when formed, in connection with the side pieces, into the complete and finished bucket, has all its edges unbroken, instead of being soldered together, and which presents a severed and flat-faced apron, which I claim as new, instead of a rounded or curved one. The advantage of the first-named apron is, that a more ready delivery is secured.

A represents the principal blank, having the flaps *a a'*, *b b'*, and *c*, and the four slits *d d'*, substantially as shown in Fig. 1 of the drawing. B B′ represent the blanks which form the sides of the bucket. They may be made of a length to permit the turning over of the upper part thereof, or may have the exact shape of the sides of the bucket. The blank A may also have its length increased, so as to permit the end at *e* to be turned over for a short distance. This would add still more to the stiffness of the bucket, which is one of the desired qualities I claim for the same.

In constructing the bucket the blank A is bent at *g*, *d*, and *d'*, so that the sides form the required angles with each other. Then the blanks B B′ are placed in position, and the flaps of pattern A are bent at right angles to their respective sides, and into contact with blanks B B′. If the length of the patterns permit, their upper edges are turned over and outward. The sides and flaps are then riveted together, flap *c* is turned down upon the front, and, to make the whole still more stiff and durable, a re-enforcing strip is carried all around the outside of the upper part of the bucket, and firmly riveted thereto.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. An elevator-bucket having a severed and flat-faced apron, whereby a more ready delivery is secured, substantially as and for the purpose described.

2. The blank A for elevator-buckets, formed with notches *g g*, slits *d d'*, and flap *c*, substantially as and for the purpose described.

3. An elevator-bucket formed of principal blank A and separate side blanks B B′, whether the same are or are not turned over at their upper, rear, and side edges, substantially as and for the purpose described.

4. The combination, in an elevator-bucket, of principal blank A, separate side blanks B B′, whether the same are or are not turned over at their upper, rear, and side edges, and re-enforcing strip *f*, substantially as and for the purpose described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WM. G. AVERY.

Witnesses:
H. T. HOWER,
WM. BEHRENS.