W. J. BENNETT.
Elevator-Bucket.

No. 208,147. Patented Sept. 17, 1878.

Fig. 1.

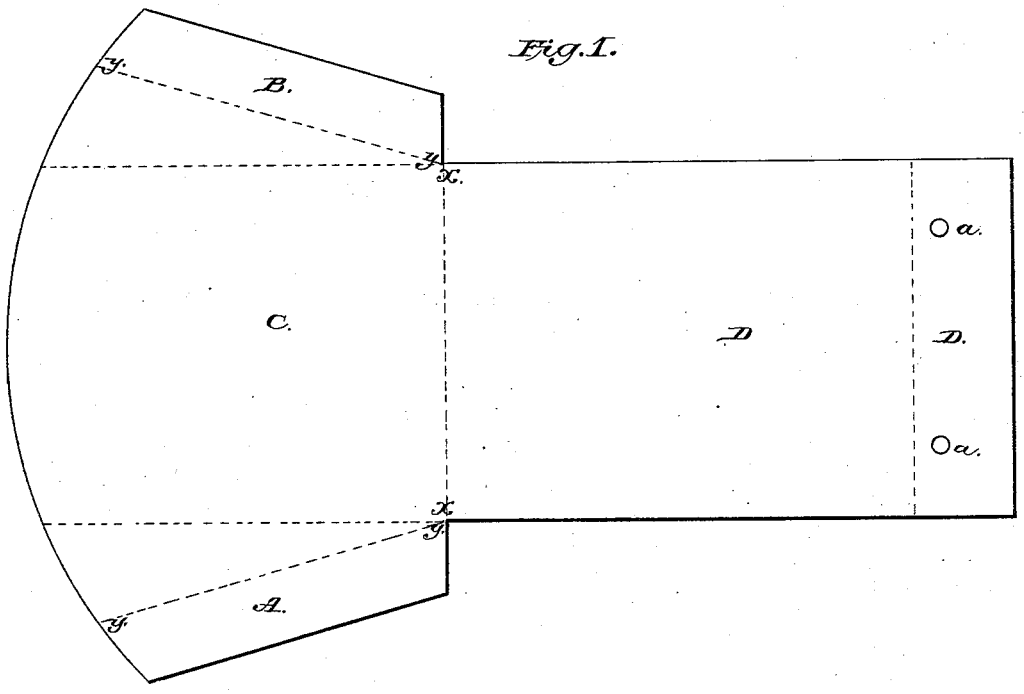
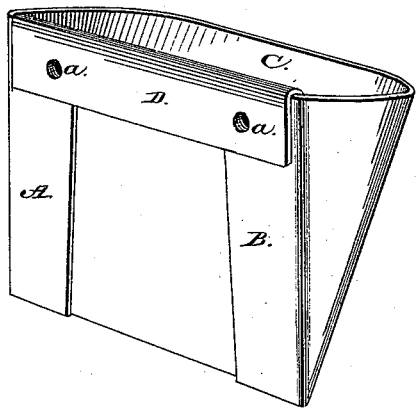


Fig. 2.



Witnesses:
John A. Ellis
Wm. Upperman.

Inventor:
William J. Bennett.
Per C. H. Watson & Co. Attorneys.

UNITED STATES PATENT OFFICE.

WILLIAM J. BENNETT, OF FOX LAKE, WISCONSIN, ASSIGNOR OF ONE-HALF HIS RIGHT TO JOHN L. BROWN, OF SAME PLACE.

IMPROVEMENT IN ELEVATOR-BUCKETS.

Specification forming part of Letters Patent No. **208,147**, dated September 17, 1878; application filed May 8, 1878.

To all whom it may concern:

Be it known that I, WILLIAM J. BENNETT, of Fox Lake, in the county of Dodge and State of Wisconsin, have invented certain new and useful Improvements in Elevator-Buckets; and I do hereby declare that the following is a full, clear, and exact description thereof, which 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 the letters of reference marked thereon, which form a part of this specification.

This invention relates to an improvement in elevator-buckets; and it consists in cutting a piece of sheet metal in such form as to allow it to be folded into the shape of an elevator-bucket, and being held together without the use of solder, rivets, &c., and in the construction of parts, as will be hereinafter more fully described.

In the annexed drawing, Figure 1 represents the blank cut in the desired form and adapted to be folded in shape, and Fig. 2 is a perspective view of the bucket complete.

When the blank of metal is cut in the desired shape, as shown in Fig. 1, the bucket is formed as follows:

The part C is bent upward, the lower or bent portion, *x x*, being pressed firmly together to such an extent as to leave the inner sides at the desired angle. The wings A B are then bent on a slight curve toward the part C. The wings A B are then again bent sharply at *y y* inward upon the part C, thus preventing the same from being pushed outward; but in order to give a greater strength to the back of the bucket, where it is attached to the elevator-belt, the part C is made of such length as to allow a part, D, to be turned outward and downward upon the wings A B, thus holding the whole firmly together.

The bucket may be attached to an elevator-belt through holes *a a*, which, although they are not necessary to hold the bucket together, still may thoroughly prevent any displacement of the parts.

By this means it will be seen that an elevator-bucket is very cheaply constructed, and is also very effective in use, and not liable to get out of repair.

I am aware that elevator-buckets have been made of one piece of metal, and held together without soldering, &c., and I do not, therefore, broadly claim such as my invention; but

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

An elevator-bucket formed of a single piece, having the parts A, B, C, and D, the parts A and B being turned inward upon the back, and the whole held in place by the part D turned downward upon the back, thus dispensing with rivets, as and for the purpose set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

WILLIAM J. BENNETT.

Witnesses:

C. E. MERWIN,

ANI BANTER.