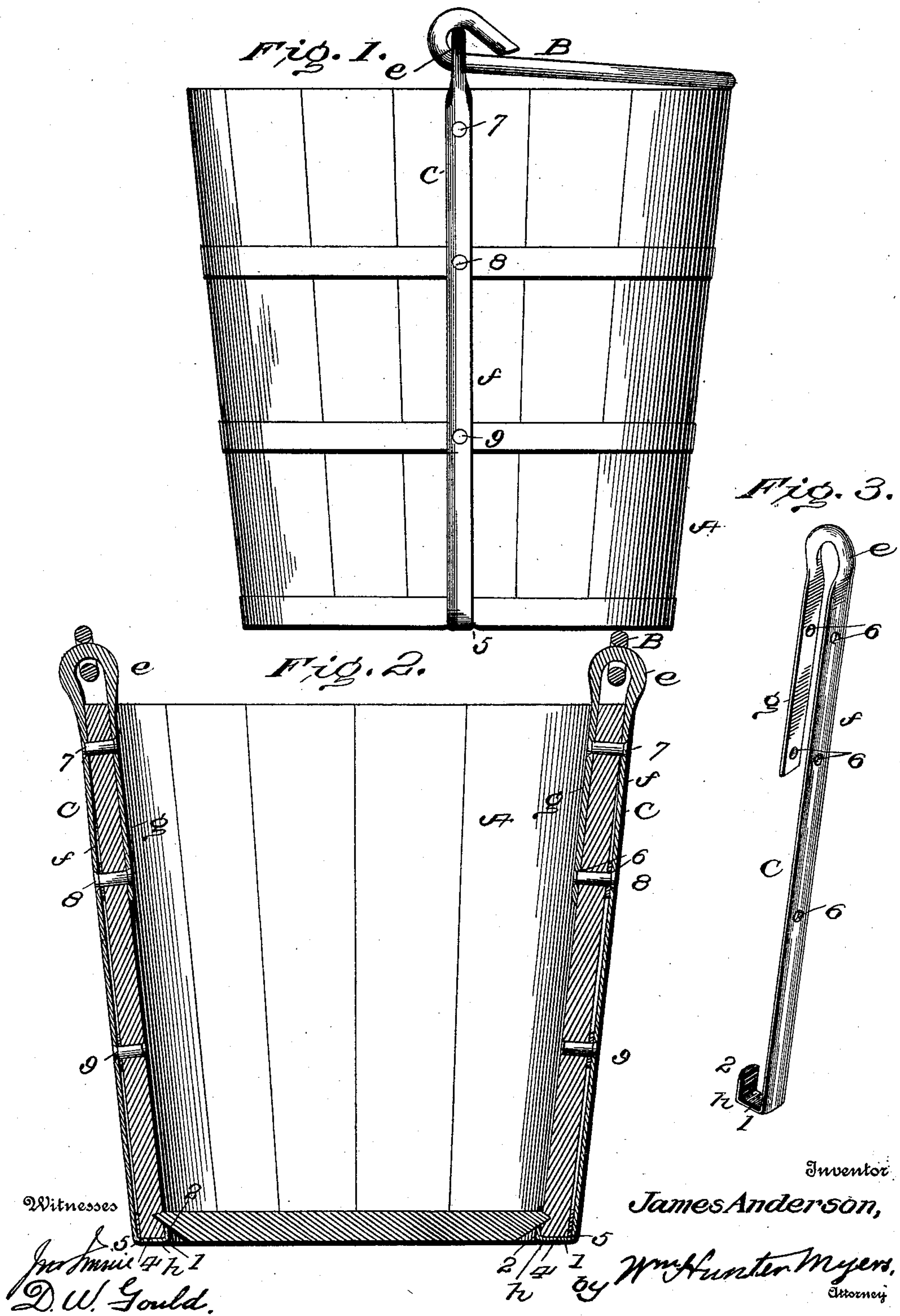


(No Model.)

J. ANDERSON.  
BUCKET BAIL EAR.

No. 594,340.

Patented Nov. 23, 1897.





# UNITED STATES PATENT OFFICE.

JAMES ANDERSON, OF SIDNEY, OHIO, ASSIGNOR OF ONE-HALF TO WILSON CAROTHERS, OF SAME PLACE.

## BUCKET BAIL-EAR.

SPECIFICATION forming part of Letters Patent No. 594,340, dated November 23, 1897.

Application filed July 26, 1897. Serial No. 645,999. (No model.)

*To all whom it may concern:*

Be it known that I, JAMES ANDERSON, a citizen of the United States, residing at Sidney, in the county of Shelby and State of Ohio, have invented certain new and useful Improvements in Bucket Bail-Ears, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to an improvement in bucket bail-ears; and it has for its object the production of a bail-ear suitable for buckets subject to rough usage—such as horse-buckets, mortar-buckets, and the like—it being simple in construction, durable in use, and well calculated for strengthening the bucket.

The invention will first be described in connection with the accompanying drawings, and then pointed out in the claims.

Figure 1 of the drawings is a view in elevation of a wooden bucket provided with bail-ears of my improved construction. Fig. 2 is a vertical central section of the same, taken through the bail-ears. Fig. 3 is a perspective view of one of the bail-ears.

Referring to the drawings, A is a wooden bucket provided with metal hoops, as usual, and B is the bail.

C represents my improved bail-ear, which is formed from a single strip of metal. The upper or ear portion proper, *e*, is rounded and curved, as shown, and from the outer end of this portion depends an outer strap *f*, having a hook *h* at its lower end, said hook being preferably formed by bending the metal first at a right angle at 1 and then again upward at a right angle at 2, the distance between these bends being about equal to the thickness of the staves of the bucket. The length of this outer strap is such that while the ear portion *e* is above the upper edge of the bucket the hook will clasp the chime 4 at the lower end of the bucket, the chime and lower hoop being preferably recessed, as at 5, to receive the hook. From the inner end of the ear portion *e* also depends an inner strap *g*, substantially parallel with the outer strap, this strap being of a length to extend downward to a point opposite the upper hoop of the bucket. Both straps of each bail-ear are perforated, as at 6,

for the reception of rivets 7, 8, and 9, the rivet 7 passing through both straps and the stave, the rivet 8 passing through both straps, the upper hoop, and the stave, and the rivet 9 passing through the outer strap, the middle hoop, and the stave.

It will be observed that the hook on the outer strap is adapted to clasp tightly around the chime of the bucket, that the straps serve to hold the respective hoops in position, and that the inner strap serves to brace and strengthen the eye portion, which is brought thereby directly over the upper edge of the bucket.

I am aware that bucket bail-ears have been heretofore constructed in which the ear portion was formed integral with an outer strap only, said strap having a bend at the lower end adapted to rest under the lower chime of the bucket. I make no claim to that construction; but

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

1. As an article of manufacture, a bail-ear for wooden buckets, comprising a rounded and curved ear portion, an integral outer strap having a hook at its lower end adapted to clasp over the lower chime of the bucket, and an inner strap integral with the ear portion and parallel with the outer strap, both of said straps being perforated for the reception of rivets, substantially as described.

2. The combination, with a wooden bucket, of two bail-ears, each having an integral outer strap formed with a hook at its lower end adapted to clasp over the lower chime of the bucket, and also having an integral inner strap reaching to a point opposite the upper hoop and parallel with the outer strap, said ears being rigidly secured to the bucket by rivets passed through the straps, the hoops, and the staves.

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

JAMES ANDERSON.

Witnesses:

J. F. BLACK,  
D. OLDHAM.