

P. O'GRADY.  
BUCKET-BAIL EARS.

No. 184,722.

Patented Nov. 28, 1876.

Fig. 1.

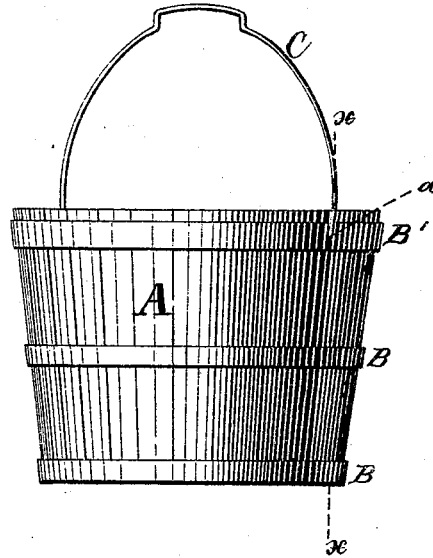
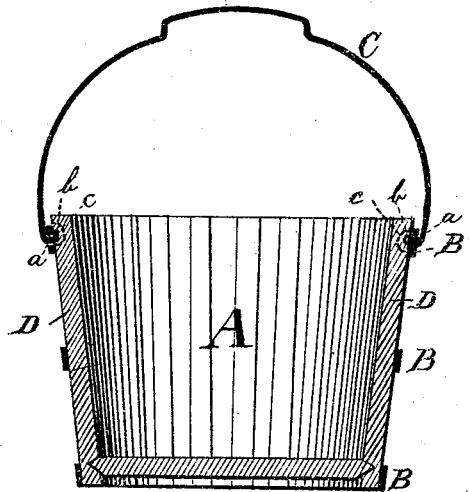


Fig. 2.



Attest:  
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# UNITED STATES PATENT OFFICE.

PATRICK O'GRADY, OF STANDISH, MICHIGAN.

## IMPROVEMENT IN BUCKET-BAIL EARS.

Specification forming part of Letters Patent No. 184,722, dated November 28, 1876; application filed February 4, 1876.

*To all whom it may concern:*

Be it known that I, PATRICK O'GRADY, of Standish, in the county of Bay and State of Michigan, have invented certain new and useful Improvements in Pails; 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, and in which—

Figure 1 is a side elevation; and Fig. 2 is vertical section after the line *x x* in Fig. 1.

Similar letters of reference indicate corresponding parts in both the figures.

This invention relates to the manufacture of tubs, pails, &c.; and it consists in the improved method of attaching the handles to the same, hereinafter described, and pointed out in the claim.

The nature of my improvement will be readily understood by reference to the drawing, in which *A* represents a pail or bucket, having the hoops *B* and wire handle *C*. The uppermost hoop, denoted by *B'*, has two perforations, *a*, arranged diagonally opposite to each other, and two of the staves, denoted by *D*, which are arranged opposite to each other, are provided with spherical recesses *c* at a distance from their upper edge equal to the distance at which it is desired to have the handle

*C* affixed. In putting the pail together, the uppermost hoop *B'* is so adjusted with reference to the staves *D* that the perforations *a* shall come exactly opposite to the recesses *c*, the ends of the wire handle having been first inserted and bent, so as to form hooks *b* that will prevent the withdrawal of the handle through the perforations *a*. The hoop is then secured in the usual manner, the hooks *b* of each end of the handle being accommodated in the recesses *c* in staves *D* provided for that purpose.

I am aware that it is not new to secure the handle to a pail by means of a perforated upper hoop in combination with a bent or hooked wire handle; and I do not, therefore, claim such construction, broadly; but

What I claim, and desire to secure by Letters Patent of the United States, is as follows:

The combination of the pail *A*, having staves *D D* recessed at *c c*, and arranged diagonally opposite to each other, with a flat upper hoop, *B'*, having perforations *a a*, and handle *C*, having hooks *b b*, substantially as and for the purpose herein shown and specified.

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

PATRICK O'GRADY.

Witnesses:

GEORGE CARSCALLEN,  
ANN CARSCALLEN.