

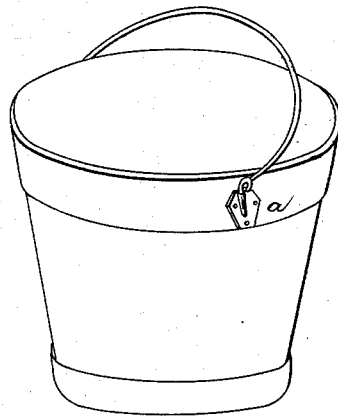
*L. Rowland,*

*Bucket Ear.*

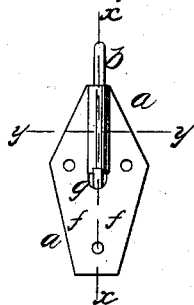
*N<sup>o</sup> 47,573.*

*Patented May 2, 1865.*

*Fig 1*



*Fig 2.*



*Fig 4.*



*Fig 3.*



*Fig 5.*



*Witnesses:*

*C. D. Popple*  
*M. W. Kingston*

*Inventor:*

*L. Rowland*  
*per M. W. Kingston*

# UNITED STATES PATENT OFFICE.

LYNFORD ROWLAND, OF PHILADELPHIA, PENNSYLVANIA.

## BUCKET-EAR.

Specification forming part of Letters Patent No. 47,573, dated May 2, 1865.

### *To all whom it may concern:*

Be it known that I, LYNFORD ROWLAND, of the city and county of Philadelphia, and State of Pennsylvania, have invented a new and Improved Bail-Ear for Buckets and other Vessels; 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 make and use the same, reference being had to the accompanying drawings, forming part of this specification.

The present invention consists in certain new and useful improvements in bail-ears for buckets, kettles, and other vessels, whereby the ear can be set in such a position upon the sides of the buckets as to permit the handle to be swung entirely below the top of the same—a result never before accomplished, and the advantage of which is evident—and, moreover, greater strength imparted to the ear than could be obtained in the ordinary style of bail-ears heretofore in use.

My improvements are represented in the accompanying plate of drawings, Figure 1 being a perspective view of a bucket with my improved bail-ear applied; Fig. 2, a front view of the ear and its plate; Fig. 3, a rear view; Fig. 4, a central longitudinal vertical section in plane of line *x x*, Fig. 2, and Fig. 5 a transverse horizontal section in plane of line *y y*, Fig. 2.

*a* represents my improved bail-ear, consisting of the eye or opening *b*, in which the han-

dle of the bucket swings, formed at the upper end of a short shaft, *c*, placed in the groove *d*, and flush, or nearly so, with the rear surface of plate *f*. This shaft *c* is securely fastened by bending and passing its lower end through the opening *g* of said plate and “nipping” it in any proper manner against the front surface of the same, as seen at *h* in Fig. 4. The bail-ear as thus formed is then fastened by screws, or in any proper manner, to the bucket or other vessel, when the ordinary bucket-handle is inserted, see Fig. 1; but by my improvements and peculiar construction of the bail-ear, as described, it is apparent that it can be attached to the side of the bucket below its top, thus allowing a free swing for the handle below the rim. Also, by increasing the length of the bearing or “pulling” point of the eye-rod upon the ear-plate *f*, as described and represented, I greatly increase its strength, as is evident.

The bail-ears can be made of malleable or wrought iron, or of any desired metal.

Having thus described my invention, I claim and desire to secure by Letters Patent, as an improved article of manufacture—

A bail-ear for buckets and other vessels, made substantially as herein shown and described.

LYNFORD ROWLAND.

Witnesses:

M. M. LIVINGSTON,  
C. L. TOPLIFF.