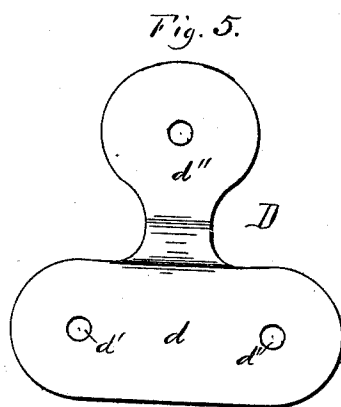
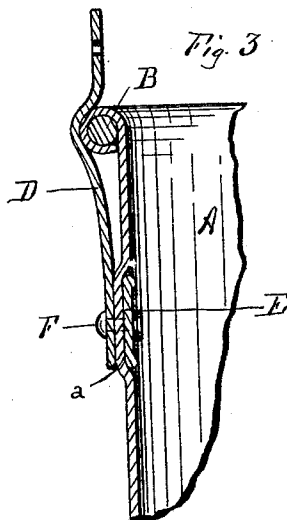
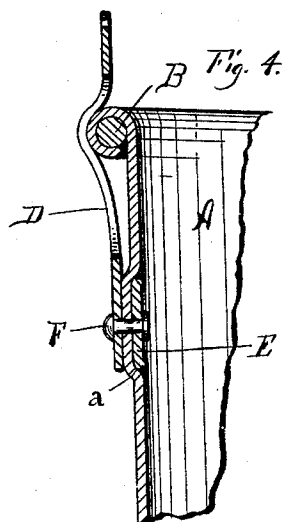
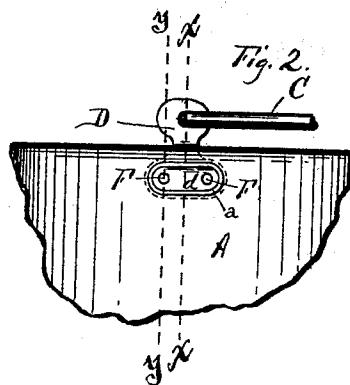
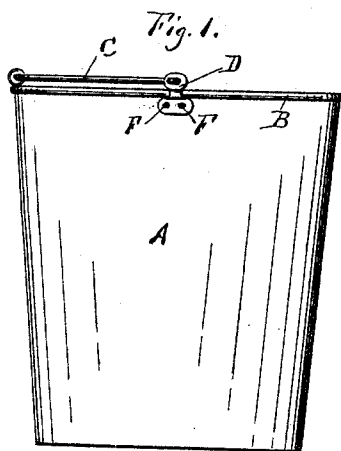


(No Model.)

M. F. ROBESON.
EAR FOR BUCKETS, &c.

No. 519,874.

Patented May 15, 1894.



Witnesses;
J. E. Bates.
Frank L. Pearce

Inventor
Millard F. Robeson
By Howard L. Osgood
Att'y.

UNITED STATES PATENT OFFICE.

MILLARD F. ROBESON, OF ELMIRA, NEW YORK.

EAR FOR BUCKETS, &c.

SPECIFICATION forming part of Letters Patent No. 519,874, dated May 15, 1894.

Application filed January 13, 1894. Serial No. 496,823. (No model.)

To all whom it may concern:

Be it known that I, MILLARD F. ROBESON, a citizen of the United States, and a resident of the city of Elmira, in the county of Chemung and State of New York, have invented certain new and useful Improvements in Ears for Buckets or other Similar Vessels, of which the following is a specification, reference being had to the accompanying drawings, in which—

Figure 1. is a front elevation of a bucket supplied with my device. Fig. 2. is an elevation of a portion of a bucket supplied with my device seen from the inside. Fig. 3. is a section on the line $x-x$ of Fig. 2. Fig. 4. is a section on the line $y-y$ of Fig. 2. and Fig. 5. is an enlarged view of the ear by itself.

In the drawings A is the bucket proper; B is the bead or roll at the edge thereof, which may be wired as shown in Figs. 3 and 4.

C is the handle.

D is the ear, formed preferably, as shown most clearly in Figs. 1 and 5, having a wide base portion d , of such form as to adapt the same to be perforated with rivet holes d' d' at a suitable distance apart, and from which base portion there extends upwardly a neck d'' perforated or otherwise arranged for the connection of the handle C.

E is a washer similar in form to the base portion d of the ear D, and having rivet holes registering with the rivet holes d' d' .

F F are rivets by means of which the ear D, washer E and bucket A are fastened together.

In the side of the bucket, at a suitable point, is formed an outwardly extending recess a , shown in Figs. 2, 3 and 4. This recess is of suitable depth and formed to contain the washer E and through the side of the bucket, at the bottom of the recess, are formed rivet holes registering with those of the ear D and washer E, whereby the rivets F F pass through the ear, bucket and washer and hold the same firmly together. In the case of milk

pails, where a smooth interior is desirable, that portion of the recess a which is not filled by the washer E may be filled with solder, or the washer itself may be forced into the recess so as practically to leave no space within the recess, or both expedients may be used. By this means I obtain a bail ear which is fastened to the bucket in such a way as to yield the maximum strength and which cannot, in any ordinary use of the bucket, be torn therefrom.

With my bail ear a lighter grade of material may be used for the bucket than with other forms of bail ear known to me; at the same time the requisite strength is secured, as the recesses in the side of the bucket support the washer with great firmness.

It is obvious that my device may be used also with wooden or composition pails by making recesses on the interior for the washers E and fastening the ears D by rivets to the same.

What I claim is—

1. The combination of a metallic bucket or similar vessel A having an outwardly pressed recess a in the side thereof, a bail ear D on the outer side of said recess a , a washer E of suitable form and size to fit in said recess inside the vessel, said bail ear, washer and bucket being fastened together by rivets F F passing through the several parts, substantially as described.

2. The combination of a metallic bucket or similar vessel having one or more outwardly pressed recesses in the sides thereof, an ear resting against the outer side of each recess, a washer fitting each recess and pressed or soldered into the same opposite the said ear and fastenings, as rivets, passing through and fastening said washer, ear and bucket together, substantially as described.

MILLARD F. ROBESON.

Witnesses:

FREDERICK F. CHURCH,
H. L. SEARCH.