

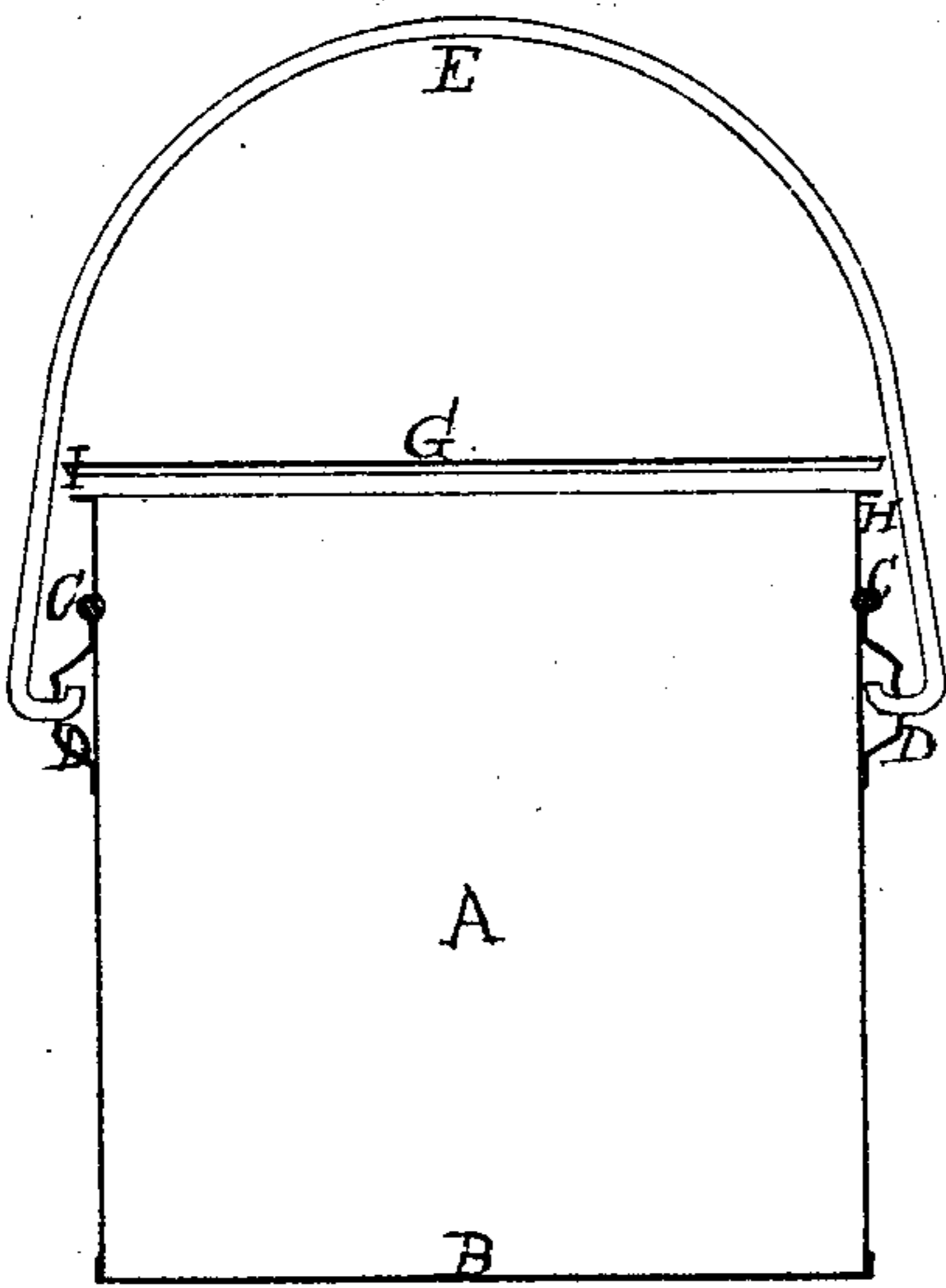
*C. R. Otis,*

*Paint Pail.*

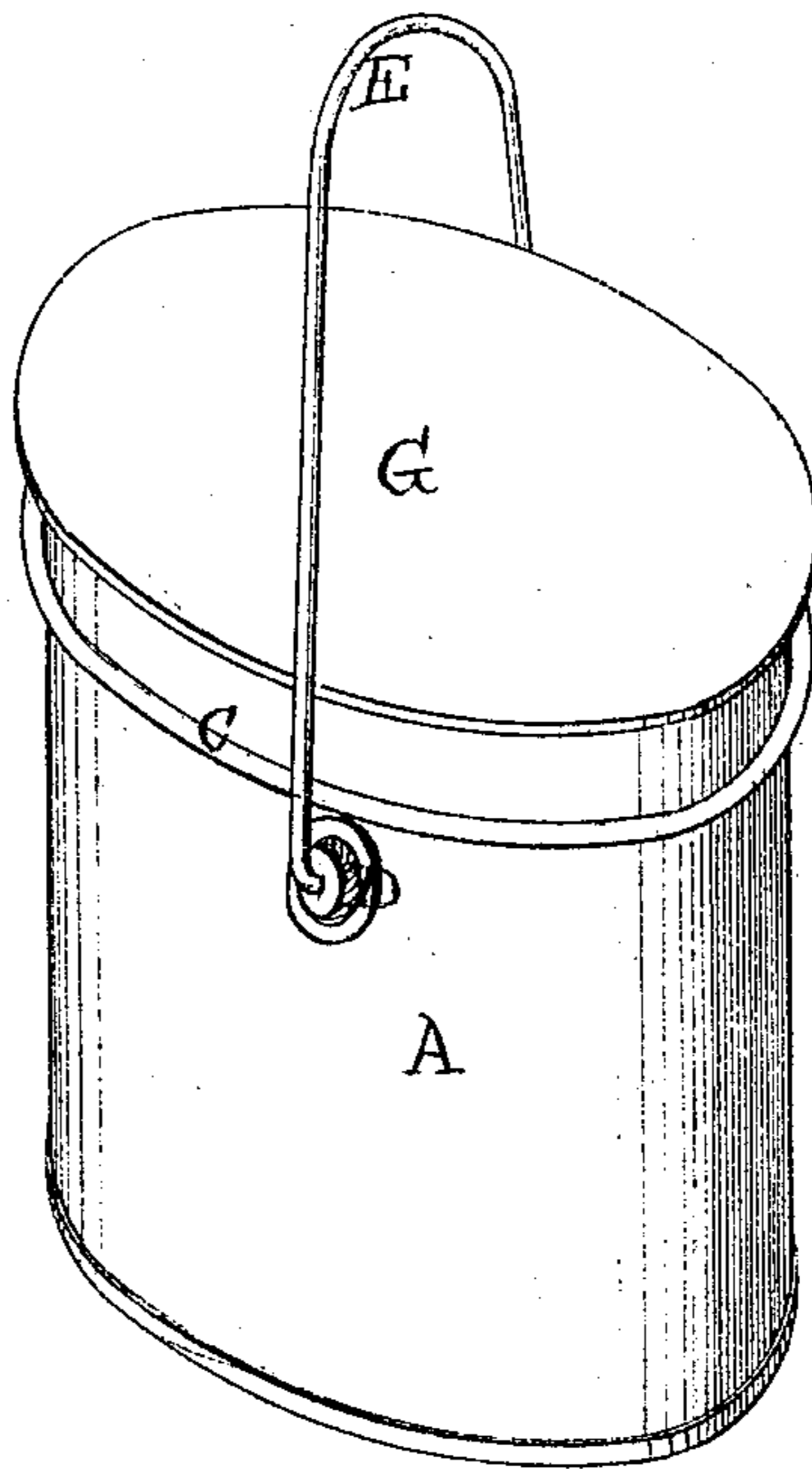
*No. 102308.*

*Patented Apr. 26. 1870.*

*Fig. 1*



*Fig. 2*



*Witnesses:*  
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*Wm. C. Farnell.*

*Inventor:*  
*C. R. Otis*  
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# United States Patent Office.

CHARLES R. OTIS, OF CHICAGO, ILLINOIS.

*Letters Patent No. 102,308, dated April 26, 1870.*

## IMPROVEMENT IN PAINT-PAILS.

The Schedule referred to in these Letters Patent and making part of the same

*To all whom it may concern:*

Be it known that I, CHARLES R. OTIS, of Chicago, in the county of Cook and State of Illinois, have invented a new and improved Paint-Pail; and I do hereby declare the following to be a full, clear, and exact description thereof, which will enable others skilled in the art to which my invention appertains to make and use the same, reference being had to the accompanying drawings forming part of this specification, in which—

Figure 1 is a longitudinal vertical section of my improved paint-pail, and

Figure 2, a perspective view of the same.

Similar letters of reference indicate corresponding parts in the several figures of the drawings.

My invention has for its object to improve the construction of sheet-metal cans, more particularly those in which white lead and other paints are packed for shipment or transportation, whereby, when the pure lead or other paint is removed from the can or pail, the latter shall be sufficiently strong to form a pot or pail to contain the paint mixed and ready for use.

Sheet-metal paint-cans have heretofore been made only with a view to transportation in original sealed packages, and when unsealed and the paint removed, the thin sheet metal alone does not possess sufficient rigidity to permit the use of the can as a paint-pail or pot.

My invention consists, first, in the combination, with the can, of a strengthening-wire or band, placed around the can near the top, either upon the outer or inner side, and secured firmly in place by being soldered into a groove formed in the can.

It also consists of a sheet-metal can, strengthened as above mentioned, having its top or cover applied to the body in the manner hereinafter described.

In the accompanying drawings—

A is the body, and B the bottom of a sheet-metal can or paint-pail.

Near its top is formed a circumferential groove, in

which is placed the strengthening-wire or band C. This wire is retained firmly in position by being soldered to the body in one or more places. I prefer to apply the solder at or near the longitudinal seam of the body.

By this construction the can or pail is effectually strengthened at a trifling expense, and can be employed for various purposes after the original contents have been removed.

If found preferable, the wire C may be applied to the inside of the can, in which case the groove formed in the body A would be reversed.

D D are ears affixed to the sides of the body A, and to which the handle or bail E is attached to form a pail.

In order to secure the top or cover G to the body, the upper edge H of the latter is bent outward at right angles, or nearly so, as shown in fig. 1.

The edge I of the cover is also turned over at an angle and fitted upon the edge H of the body. The two are then united together to form a close joint by bending the edge I of the cover down upon the edge H by any suitable means.

By this construction the cover is attached to the can in the most simple and expeditious manner.

Having thus described my invention,

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

1. The strengthening-wire or band C, in combination with the body A of a sheet-metal can or pail, substantially as herein shown and described, for the purpose specified.

2. The sheet-metal paint-pail or can, constructed as described, with the strengthening-wire C, bail E, and cover G united to the body by the bent edges H I, substantially as herein shown and described.

CHARLES R. OTIS.

Witnesses:

D. J. POWERS,

WM. C. FARWELL.