

No. 795,437.

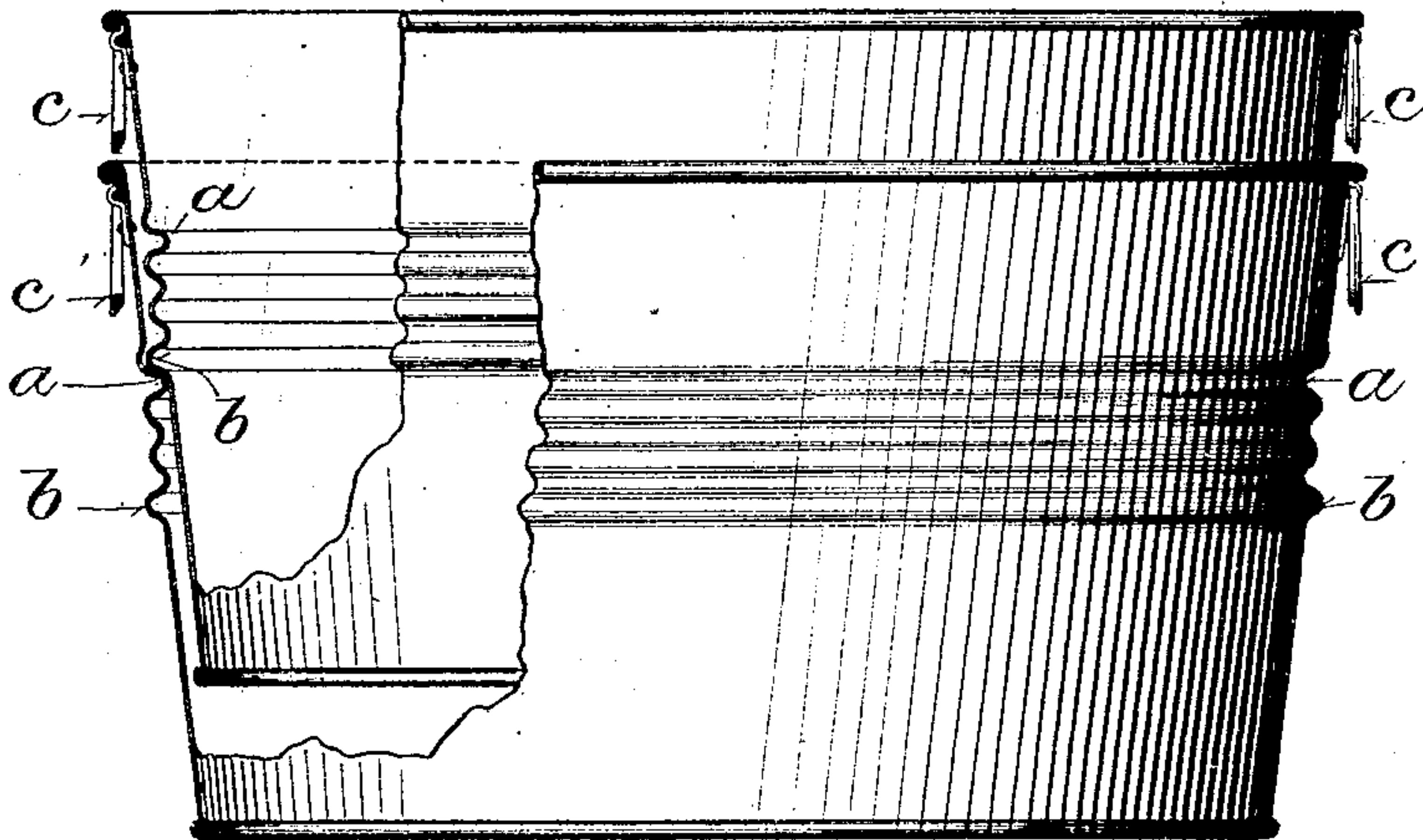
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SHEET METAL VESSEL.

APPLICATION FILED DEC. 28, 1900.



Witnesses:

Geo. W. Young.

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# UNITED STATES PATENT OFFICE.

WILLIAM GEUDER, OF MILWAUKEE, WISCONSIN; EMMA GEUDER, EXECUTRIX OF WILLIAM GEUDER, DECEASED; SAID EXECUTRIX ASSIGNOR TO GEUDER & PAESCHKE MANUFACTURING COMPANY, OF MILWAUKEE, WISCONSIN, A CORPORATION OF WISCONSIN.

## SHEET-METAL VESSEL.

No. 795,437.

Specification of Letters Patent.

Patented July 25, 1905.

Application filed December 28, 1900. Serial No. 41,338.

*To all whom it may concern:*

Be it known that I, WILLIAM GEUDER, a citizen of the United States, residing at Milwaukee, in the county of Milwaukee and State of Wisconsin, have invented certain new and useful Improvements in Sheet-Metal Vessels, of which the following is a specification, reference being had to the accompanying drawing, forming a part thereof.

This invention relates to that class of sheet-metal vessels—such, for example, as wash-tubs—which are made tapering and are nested together for the purpose of storage and shipment in condensed space.

The object of the invention is to prevent the bottom of one vessel from wedging tightly into the body of another and expanding, bending, or injuring the same when they are nested together.

It consists in certain novel features of construction hereinafter particularly described, and pointed out in the claims.

The accompanying drawing shows in side elevation two sheet-metal tubs embodying the invention, one tub being inserted in the other.

In the construction of sheet-metal tubs and like or similar vessels for the sake of stiffness and strength they are preferably formed at the base of the body with an outwardly-projecting roll instead of the usual flat folded joint by which the bottom is attached to the body. In nesting tapering vessels so constructed this roll wedges into the body of the vessel in which it is inserted and is apt to bend the same outward and injure it, besides making it difficult to separate the vessels when they are tightly crowded together, particularly when several are nested together and the lower ones are subjected to considerable weight. To obviate these difficulties and objections, the vessels are made, according to my invention, as shown in the drawing, with corresponding inturned and outturned beads or shoulders *a* and *b*, located one directly above the other on each vessel, so that when the vessels are nested the lower outturned

bead on one vessel will engage with and rest upon the upper inturned bead of the next lower vessel and the bottom of the inner vessel will be prevented from wedging into and bending and injuring the body of the outer vessel. The space between the two beads *a* and *b* on each vessel is preferably formed into a number of shallower grooves and beads, as shown in the drawing, but may be left plain.

A further advantage incidental to the construction above described is that when such vessels are provided, as usual, with drop-handles *c c* the handles on each of the inside vessels will be held up out of contact with the rim of the vessel next below, and thus prevented from jamming such vessel or being broken or injured themselves. Besides, in this way they are allowed to swing in closer to the vessels, where they are less in the way and less liable to injury.

I claim—

1. A tapering sheet-metal vessel having the metal forming its sides inturned and outturned to form respectively inwardly and outwardly extending beads or shoulders located one above the other below the top of the vessel and projected beyond the wall of the vessel, so that when two vessels are nested the lower outturned bead on one will engage with and rest upon the upper inturned bead of the lower vessel, substantially as described.

2. A tapering sheet-metal vessel having corresponding inturned and outturned beads or shoulders, one above the other, and shallower corrugations between and parallel with them, the upper and lower beads projecting beyond the wall of the vessel, and the upper inturned bead being below the top of the vessel, substantially as described.

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

WILLIAM GEUDER.

Witnesses:

CHAS. L. GOSS,  
ALICE E. GOSS.