J. ASH.

SHEET METAL MEASURE.

No. 183,741. Patented Oct. 31, 1876.

Fig. 1.

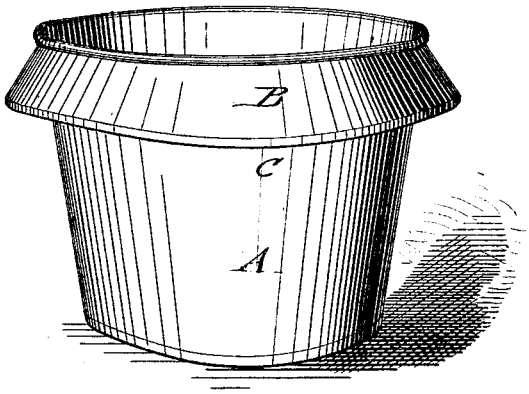
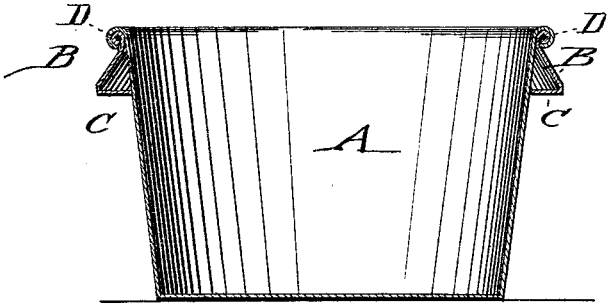


Fig. 2.



WITNESSES:

Francis McArdle

John Goethals

INVENTOR:

James Ash

BY Munn & Co

ATTORNEYS.

UNITED STATES PATENT OFFICE.

JAMES ASH, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN SHEET-METAL MEASURES.

Specification forming part of Letters Patent No. **183,741**, dated October 31, 1876; application filed February 5, 1876.

To all whom it may concern:

Be it known that I, JAMES ASH, of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Sheet-Metal Measures; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification, in which—

Figure 1 is a perspective view of my improved measure, and Fig. 2 a vertical central section of the same.

This invention has relation to that class of measures formed with a flange around its upper edge to facilitate handling.

The purpose and object of my invention are to produce a measure of this character that will prove durable, and may be conveniently and quickly handled, and at the same time admit of their being manufactured at a greatly-reduced cost, bringing them within the reach of those requiring such an article.

My invention therefore consists of a measure with a conical rim at the outer top circumference, and the upper part of the plate forming said rim, together with the upper edge of the body, being turned over a strengthening-wire, after which the plate is bent outward and inward, the lower edge thereof being connected to the body of the measure by soldering.

In the accompanying drawing, A represents the body of the measure for grain and other articles, composed of sheet metal, and of any suitable size to hold any quantity desired. At the upper circumference of the body A is applied a cone-shape rim, B. This rim, after being cut to a suitable size and shape, is placed against the upper edge of the body A, said edge, together with the upper edge of the rim, being flanged around or brought over a wire, D, to strengthen the upper edge of the measure, and prevent it from becoming indented, there being in addition to the wire two thicknesses of iron, giving greater stiffness at that part most exposed to wear. The rim B, after thus being secured to the upper edge of the body A, is bent outward at an angle, and is then connected thereto by a horizontal or inclined brace-ring C, that increases the strength of the vessel and rim, and furnishes a convenient and substantial handle around the center top part of the measure, by which the same may be taken hold of with great convenience without first looking or feeling for the handles, and which renders the measure stronger, more durable, and its simplicity of construction admits of its being manufactured at a very trifling cost.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

As a new article of manufacture, a measure for grain and other articles composed of sheet metal, and consisting of the body A, rim B, the upper edge, together with the edge of said body, being bent around a strengthening-wire, D, and the brace-ring C, secured to the body and rim, substantially as and for the purpose set forth.

JAMES ASH.

Witnesses:

FRANK C. DODDRIDGE,

F. W. HOWARD.