

(No Model.)

H. A. MANNING.
CULINARY VESSEL.

No. 378,700.

Patented Feb. 28, 1888.

Fig. 1.

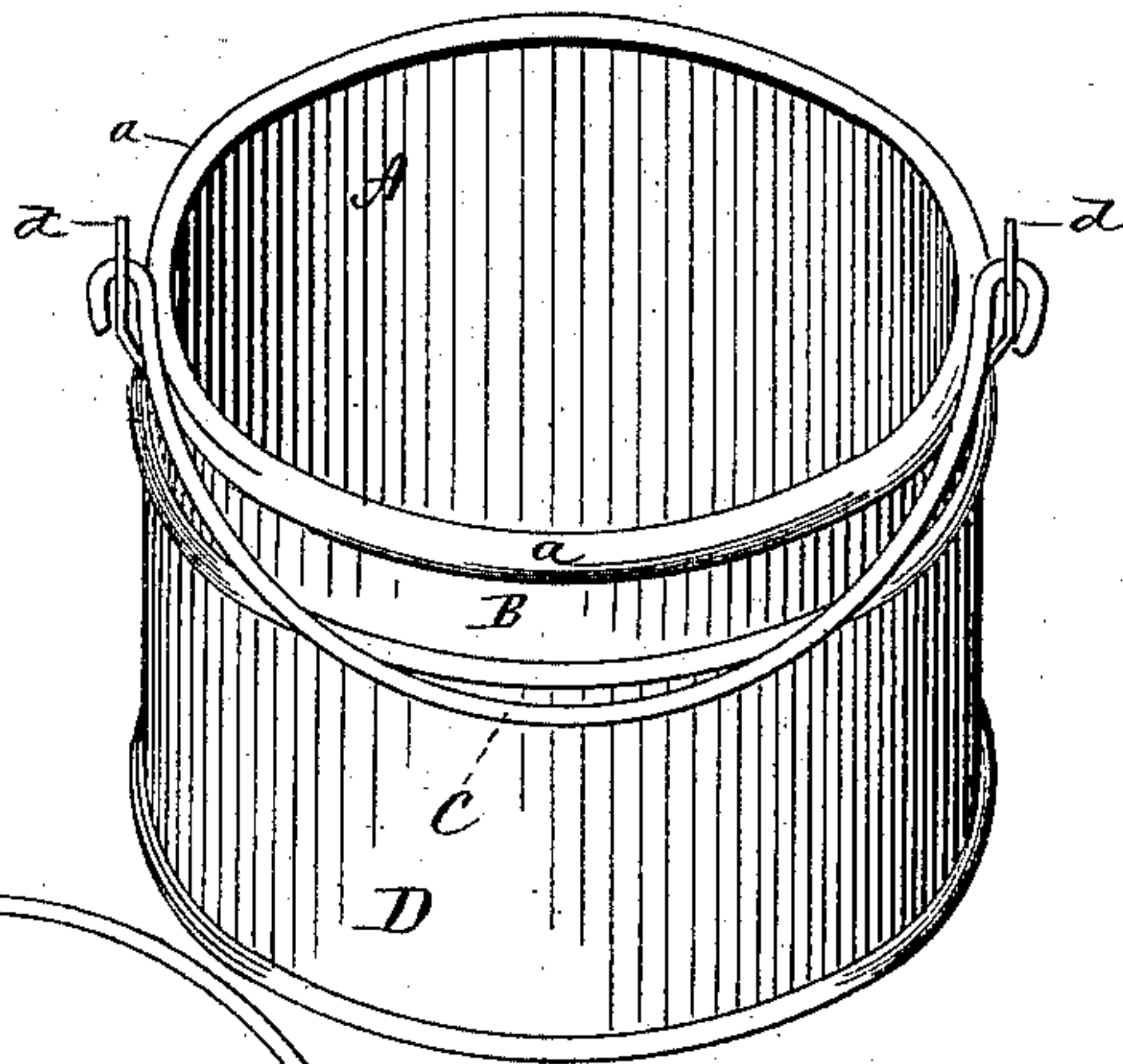


Fig. 2.

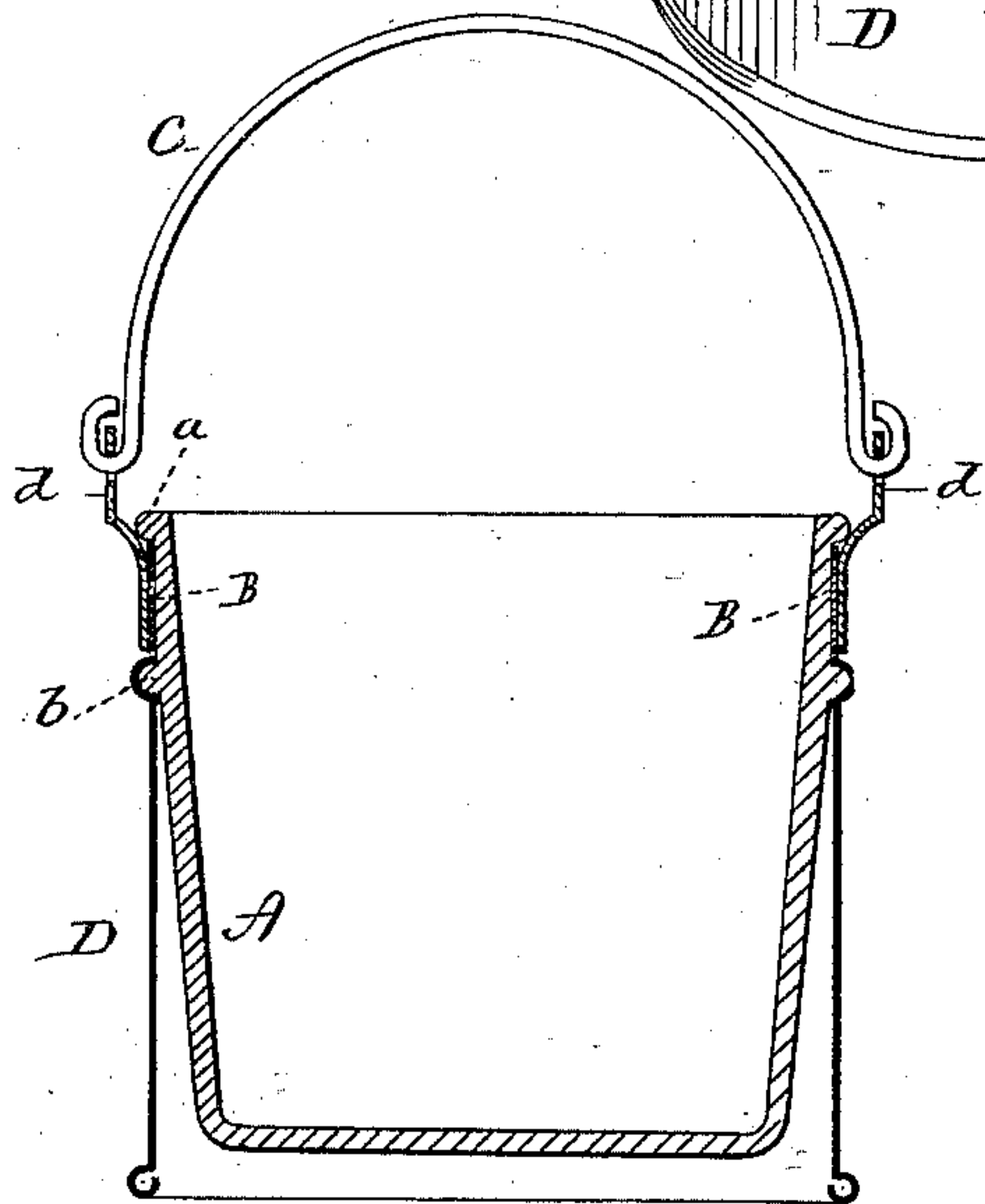
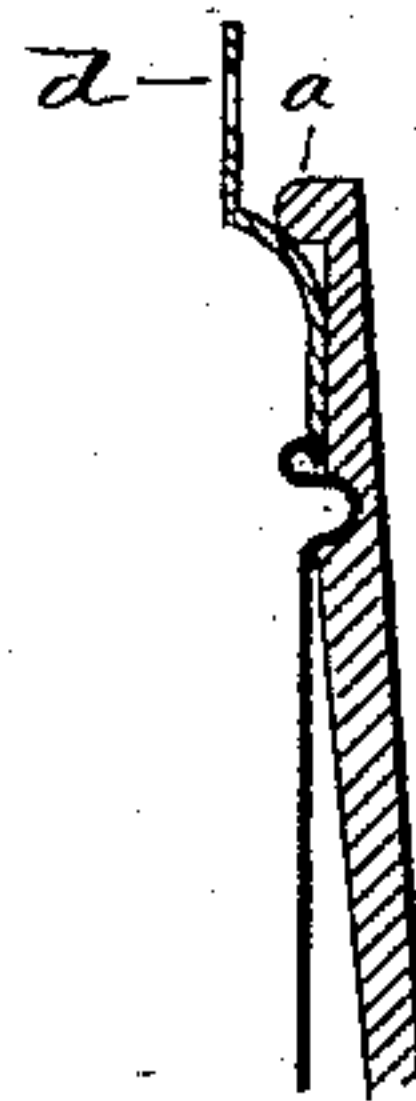


Fig. 3.



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UNITED STATES PATENT OFFICE

HENRY A. MANNING, OF NEW YORK, N. Y.

CULINARY VESSEL.

SPECIFICATION forming part of Letters Patent No. 378,700, dated February 28, 1888.

Application filed June 20, 1887. Serial No. 241,815. (No model.)

To all whom it may concern:

Be it known that I, HENRY A. MANNING, of New York, in the county of New York and State of New York, have invented a new Improvement in Culinary Vessels; and I do hereby declare the following, when taken in connection with accompanying drawings and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, a perspective view; Fig. 2, a transverse section cutting through the ears; Fig. 3, a partial section showing modification in manner of securing the skirt.

This invention relates to an improvement in porcelain or porcelain-surfaced kettles, and particularly to that class of kettles which are used for culinary purposes; and it consists of a vessel of earthenware or suitable material with a metallic band or skirt inclosing it, forming an air-space between the vessel and the skirt. In vessels of this class it is desirable that the skirt should be made from sheet-iron, and that it should be provided with a bail; but the ears for the bail cannot be secured to the vessel itself, nor can the ears be conveniently soldered to the sheet-iron, but must be riveted.

The object of this invention is to construct the kettle with the bail secured thereto independent of the skirt.

A represents the vessel, of earthenware or other suitable material, preferably tapered from the top downward, and constructed with a bead, *a*, around its upper edge and an annular shoulder, *b*, near the top. Between the rim *a* and shoulder *b*, I place a band, *B*, of tin or similar metal, the width of the band corresponding to the distance between the bead *a* and shoulder *b*. The said band is a strip of metal adapted for soldering, and when closed around the vessel between the bead and shoulder its ends are soldered together or otherwise secured, so that it will be securely held in position and vertical movement impossible, becoming practically a part of the vessel itself. To this band *B* ears *d d* may be secured by soldering or otherwise, which will receive a bail, *C*. *D* is the skirt, correspond-

ing in diameter to the external diameter of the vessel. Its lower edge is preferably beaded, and its upper edge is closed over the shoulder *b*, so as to permanently secure it to the vessel. As the vessel is tapering, a space is formed around the vessel inside the skirt for the circulation of heat.

Instead of constructing the vessel with the shoulder *b*, it may be constructed with an annular groove, as seen in Fig. 3, and the upper edge of the skirt constructed with a bead to stand above the groove, and the skirt turned into said groove below the bead. In such construction the shoulder is formed by the skirt, but serves to retain the bail-band equally as firm as when the shoulder is made on the vessel.

While I prefer to make the vessel proper of porcelain, it may be made of metal coated to present a porcelain or vitreous surface.

Making the band of tin or similar material and separate from the skirt itself, it is not only attached to the vessel independent of the skirt, but permits the making of the skirt of a harder material, such as sheet-iron, and the bail is practically attached to the vessel independent of the skirt.

I do not wish to be understood as broadly claiming a culinary vessel having a band secured around its upper edge; neither do I wish to be understood as broadly claiming a culinary vessel having a skirt attached thereto.

I claim—

The combination of a vessel presenting a porcelain or vitreous surface, constructed with an annular bead around its upper edge and with an annular projecting shoulder below said bead, the said vessel diminishing in diameter below said shoulder, combined with a metallic band around said vessel between said bead and shoulder, a bail hung to said band, and a metal skirt around the vessel below said shoulder, the upper edge of the skirt closed over said shoulder, substantially as described.

HENRY A. MANNING.

Witnesses:

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