

(No Model.)

C. J. BRACKEBUSH.

Clamp for Attaching Handles to Earthenware and
Glass Vessels.

No. 231,263.

Patented Aug. 17, 1880.

Fig. 1.

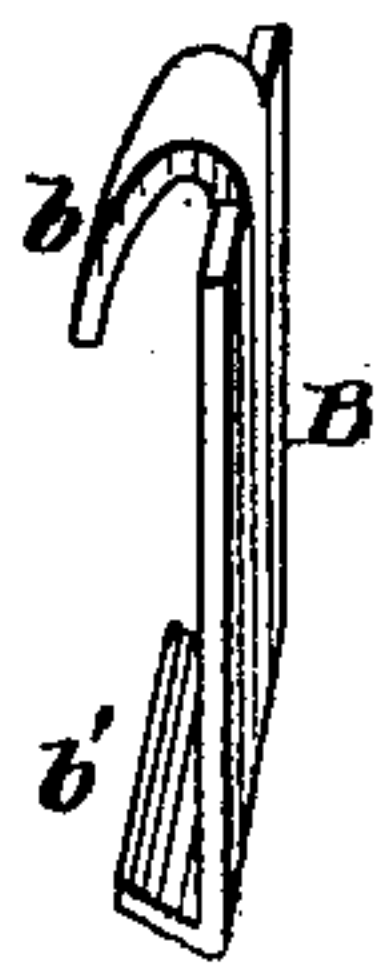


Fig. 5.

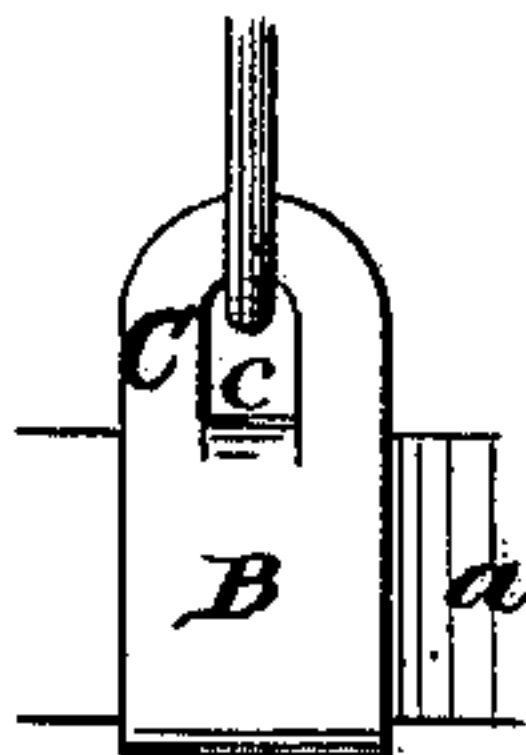


Fig. 2.

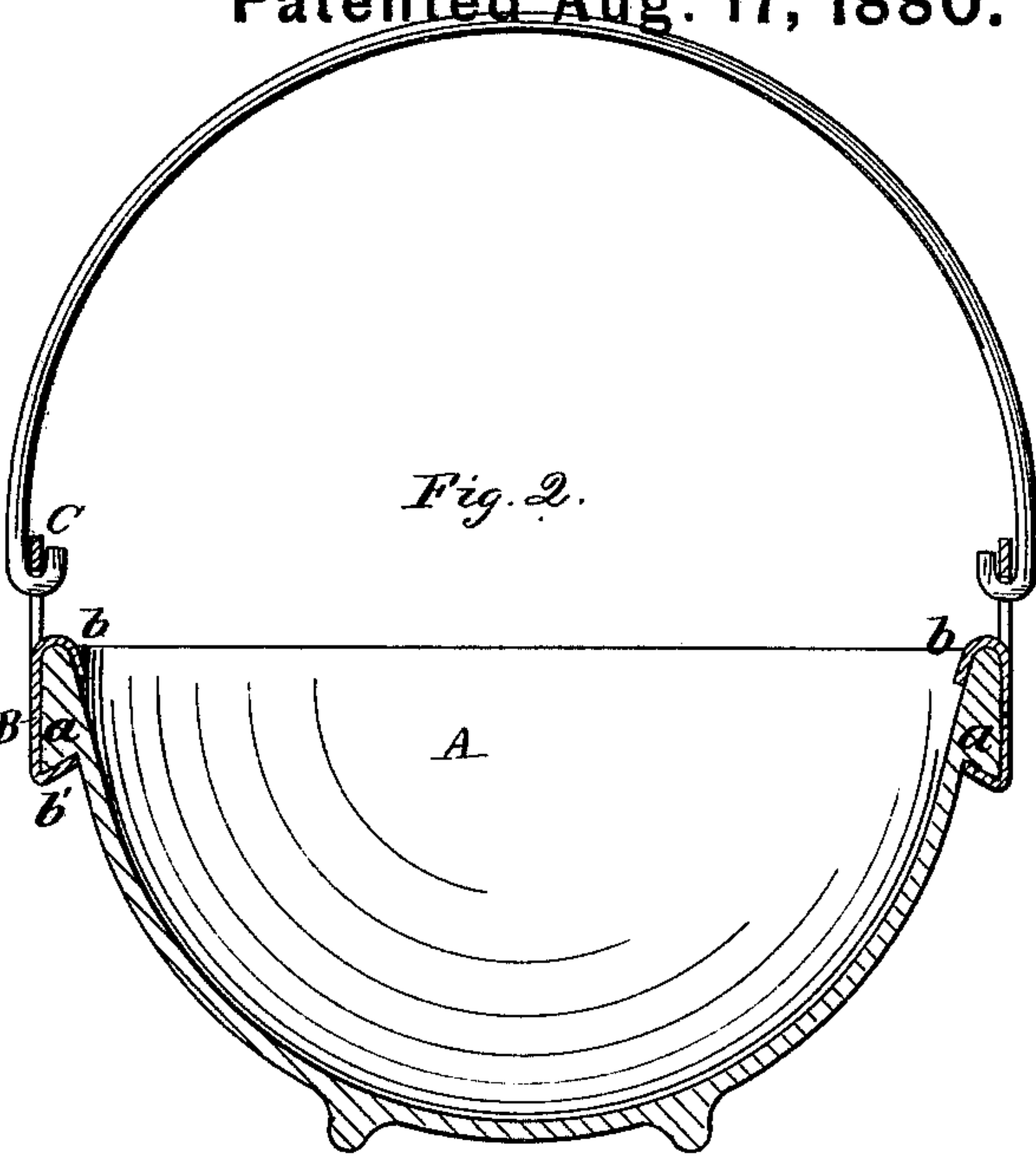


Fig. 3.

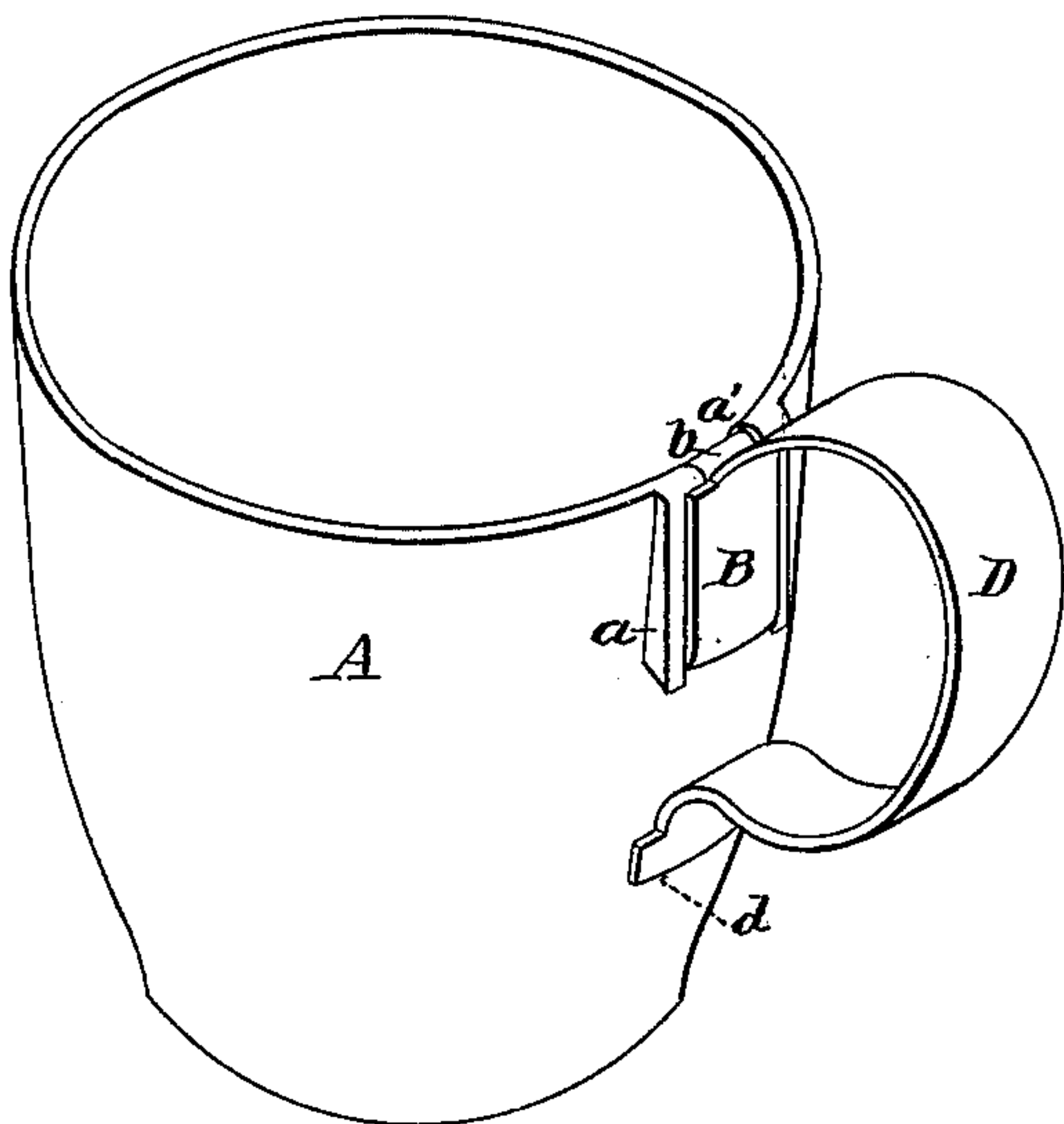


Fig. 6.

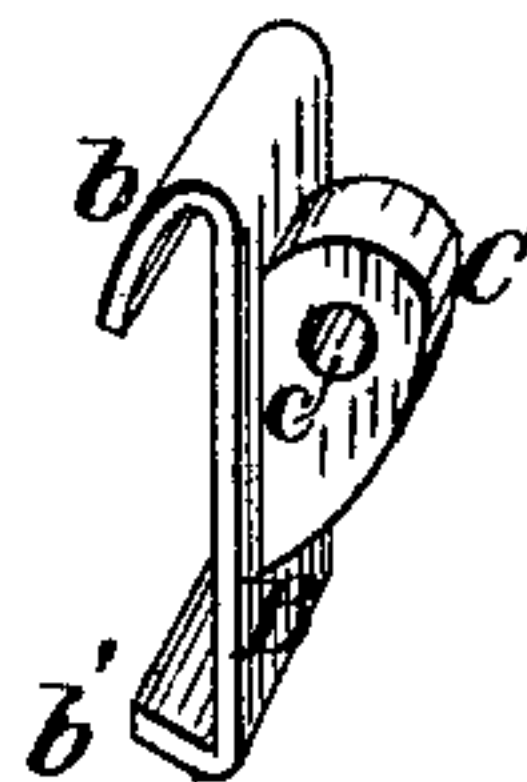
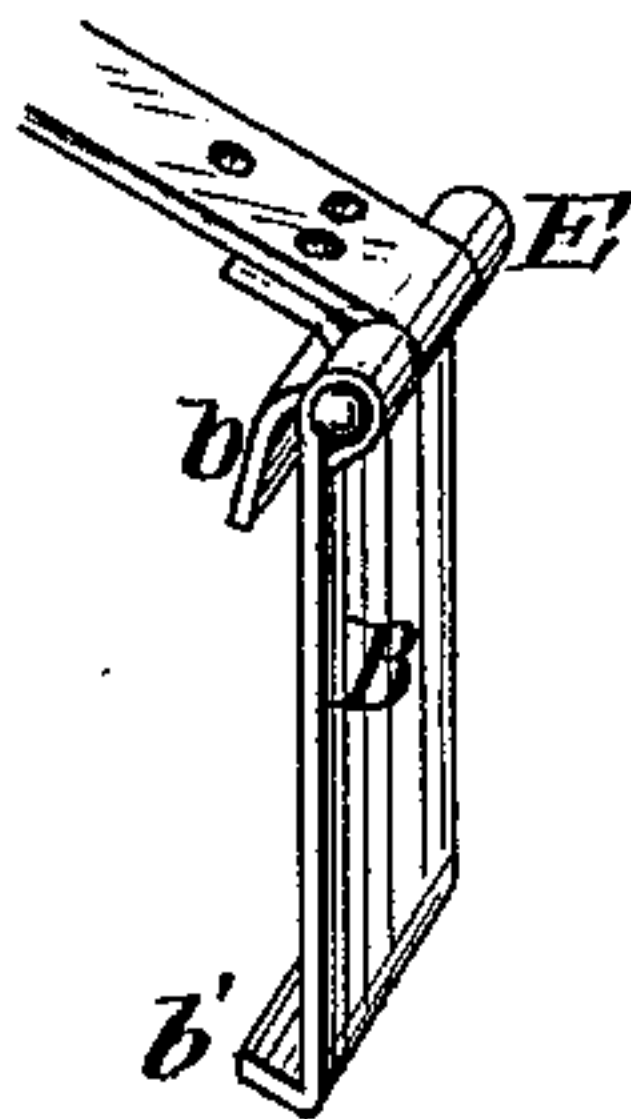


Fig. 4.



Witnesses:

H. A. Low

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Chas J. Brackebush

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attys

UNITED STATES PATENT OFFICE.

CHARLES J. BRACKEBUSH, OF CANTON, OHIO, ASSIGNOR OF ONE-HALF OF
HIS RIGHT TO ALFRED C. BRACKEBUSH, OF CHICAGO, ILLINOIS.

CLAMP FOR ATTACHING HANDLES TO EARTHENWARE AND GLASS VESSELS.

SPECIFICATION forming part of Letters Patent No. 231,263, dated August 17, 1880.

Application filed June 23, 1880. (No model.)

To all whom it may concern:

Be it known that I, CHARLES J. BRACKEBUSH, of Canton, in the county of Stark and State of Ohio, have invented certain new and
5 useful Improvements in Earthenware and Glass Vessels; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to
10 make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

This invention relates to an improved clamp
15 adapted to secure a handle or hinge to a bowl, crock, or other dish of earthenware or glass.

Figure 1 is a view of the clamping part detached. Fig. 2 is a sectional view of a vessel
20 having attached thereto two of the clamps, and having ears formed with the clamps to receive a handle or bail. Fig. 3 represents the clamp when combined with a curved handle of the character usually attached to cups, &c. Fig. 4 is a view of the clamp combined
25 with a hinge. Fig. 5 is a side view of the clamp and ear shown in Fig. 2. Fig. 6 represents a modified form of the clamp and ear shown in Fig. 2.

In the drawings, A represents a vessel
30 formed of earthenware or glass, which vessels, as is well known, are not usually supplied with handles of the same material, owing to the danger of breakage and the room occupied in shipping. These vessels are usually
35 formed with a rim or bead, *a*, at or near the top, as shown.

My improved clamp is represented as being formed with a plate, B, which may be of any suitable size or shape. At the upper edge
40 there is a downwardly-turned lip, *b*, and at the lower edge an inwardly-turned lip, *b'*, formed with the plate. The lip *b* is adapted to be turned over the top of the vessel, and the lip *b'* to be turned under the rim or bead *a*, and
45 when they are thus arranged the plate B is held securely in place upon the vessel.

The parts B *b b'* last described are preferably formed in a single piece of sheet metal, from which they may be struck by dies or made
50 in any preferred manner.

When it is desired to attach a wire handle

or bail, ears C C are formed with the clamp, as shown in Figs. 2 and 5.

The clamp and the ear may be readily formed in one piece by employing a plate of metal
55 somewhat longer than the plate B and striking or cutting out an inwardly-turned lip, which will leave an aperture, *c*, for attaching the bail, or the ear C may be cast in one piece with the plate B, it projecting from the outer
60 face of said plate, as shown in Fig. 6.

If it be desired to secure to a vessel a curved handle of the character shown in Fig. 3 it can be done simply and cheaply by attaching the
65 upper end of the curved part D to the plate B by soldering or otherwise, and arranging the lower end to bear against the vessel at a lower point, as shown. It is also desirable to hinge
covers to vessels of the character described, and it will be readily seen that this becomes
70 a matter of no difficulty if use be made of the clamp I have described. Thus in Fig. 4 a hinge, E, is shown, to be attached to or formed with the clamp, the latter being secured to the top of the vessel in the manner already
75 described.

Under some circumstances it may be found desirable, if not necessary, to provide a recess at the upper edge of the vessel A, as shown
80 at *a'*, Fig. 3, wherein to place the clamping-lip *b*, so that there shall be shoulders or stops to prevent lateral moving of the handle or clamping part.

When a curved handle like that shown at D, Fig. 3, is used it will be advantageous to
85 attach to the lower end a small expanded plate, *d*, to provide a proper bearing for said end of the handle. These latter features, however, are not essential to the carrying out of my invention, and besides these many matters
90 of minor detail will suggest themselves to those acquainted with the art to which my invention appertains.

It will be seen that it is not necessary that the rim or bead *a* should extend entirely around
95 the vessel, as the clamp can be firmly held in place by means of a segment of a bead or a laterally-projecting lug formed on the vessel, as shown in Fig. 3.

In manufacturing vessels especially adapted
100 to receive my improved handle or clamp, I prefer to form the rim or bead *a* with a beveled

or inclined lower edge, or with an upwardly-extending recess to more securely hold the lower lip, *b'*, of the clamp; but I do not limit myself to such form of rim or bead.

5 What I claim is—

1. The combination, with a vessel of earthenware or glass provided with a laterally-projecting rim or bead, of the herein-described clamp, formed with the plate B and the inwardly-turned lips *b b'*, substantially as and
10 for the purposes set forth.

2. As a means for attaching a wire bail or handle to a vessel of glass or earthenware, the detachable plate B, having the lips *b* and *b'*, and the ear C, all attached to said plate, 15 substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand.

CHARLES J. BRACKEBUSH.

Witnesses:

HENRY FISHER,

A. C. HINER.