

F. D. BRODHEAD.  
Can.

Patented April 27, 1875.

No. 162,618.

Fig. 1.

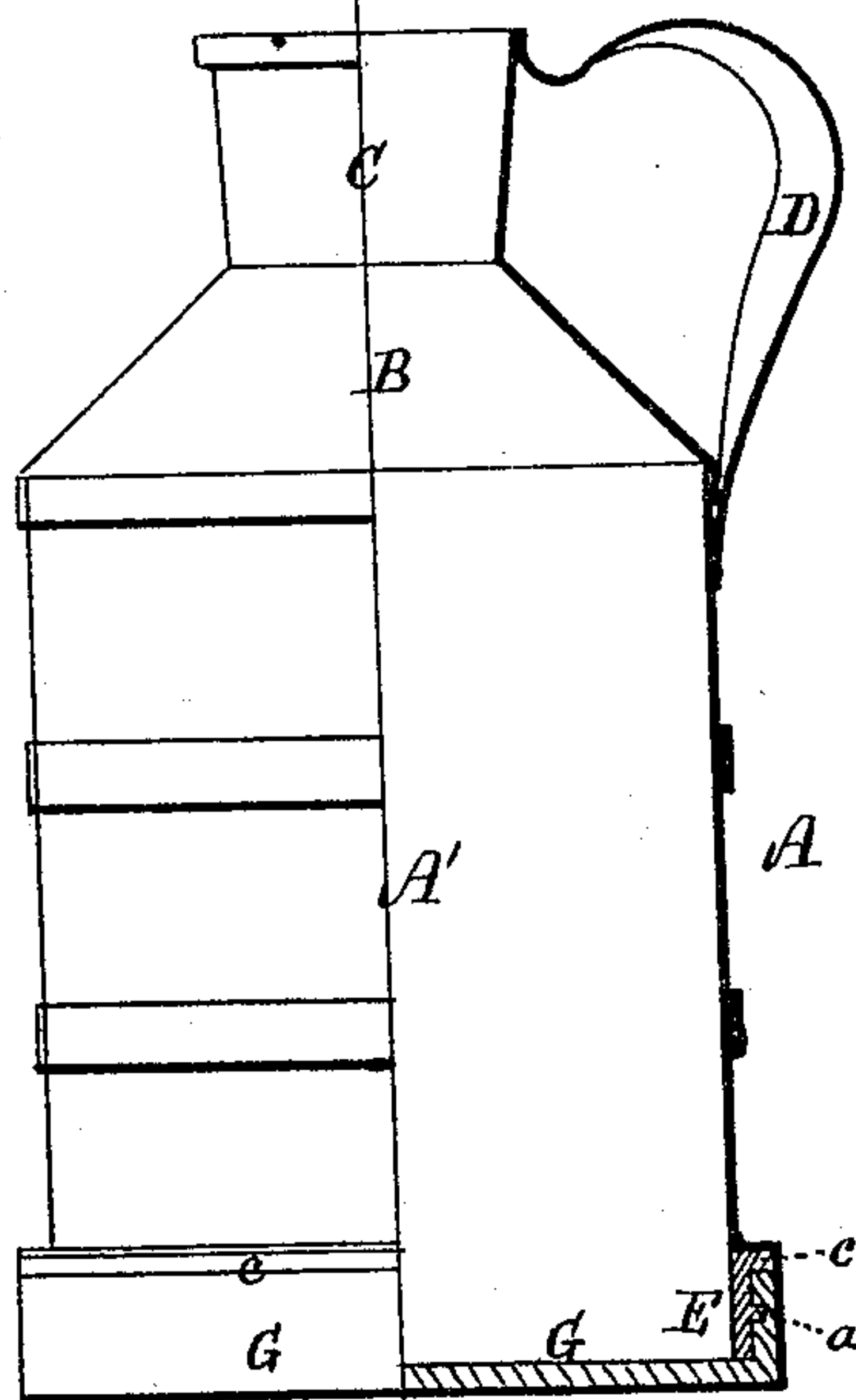


Fig. 2.

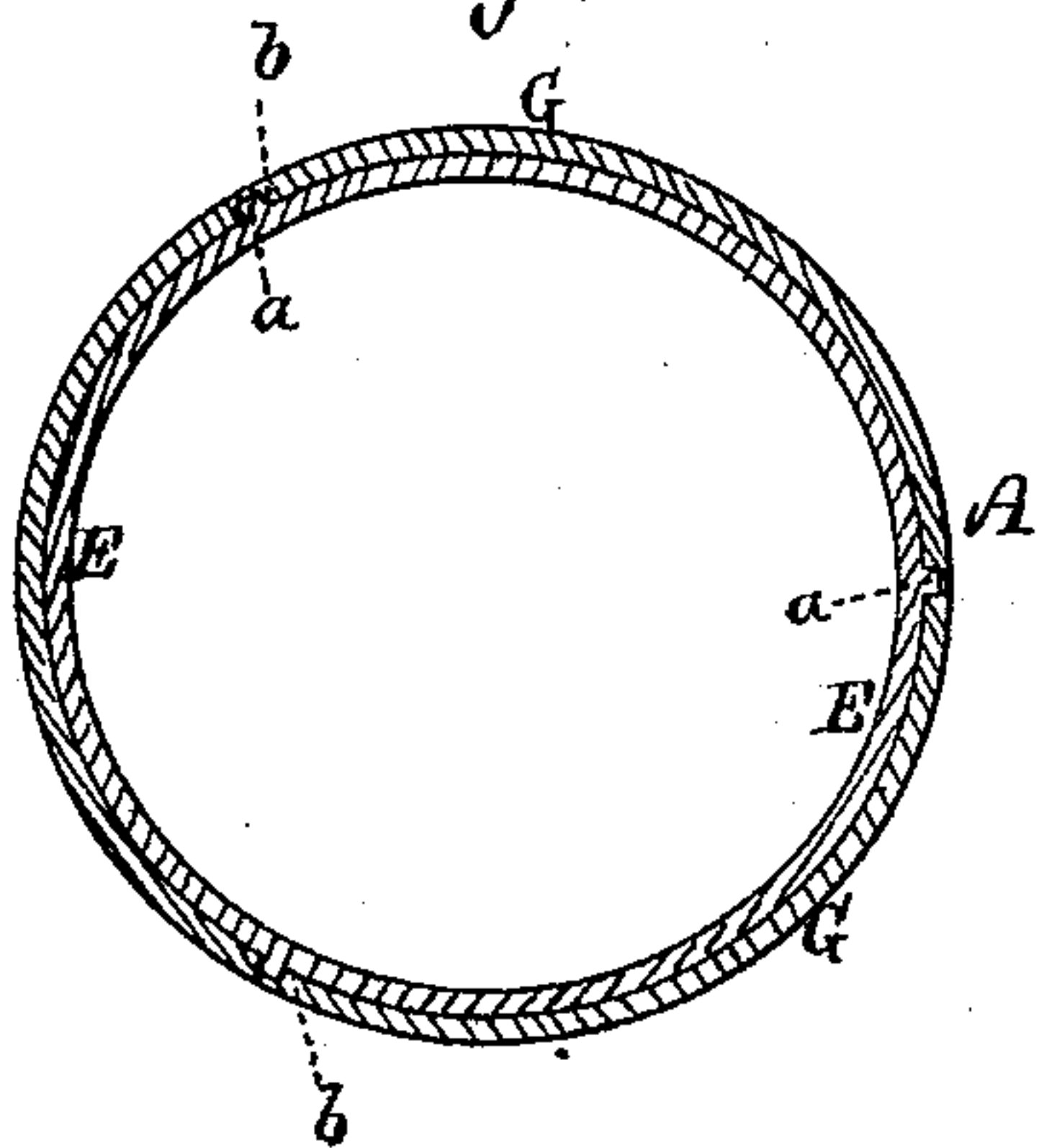


Fig. 3.



WITNESSES.  
Louis A. Curtis  
H. Boardman.

F. D. Brodhead.  
H. Curtis, Atty.

# UNITED STATES PATENT OFFICE.

FRANCIS D. BRODHEAD, OF BOSTON, MASSACHUSETTS, ASSIGNOR TO HIMSELF AND ALBERT F. LAUTEN, OF SAME PLACE.

## IMPROVEMENT IN CANS.

Specification forming part of Letters Patent No. **162,618**, dated April 27, 1875; application filed March 8, 1875.

*To all whom it may concern:*

Be it known that I, FRANCIS D. BRODHEAD, of Boston, Suffolk county, Massachusetts, have invented certain Improvements in Sectional Cans, of which the following is a specification:

The purpose of this improvement is to permit ready access to be had to the interior of cans for containing milk or oysters, or for other uses, the filling orifice or mouth of which cans is too contracted to admit of passage of a person's hand to the interior for the purpose of thoroughly cleaning the latter.

The drawings accompanying this specification represent, in Figure 1, a sectional elevation, and, in Fig. 2, a horizontal section of a milk-can containing my improvement; Fig. 3 being a horizontal section of its removable base or bottom.

In these drawings, A represents a milk or oyster can, of which A' is the straight cylindrical portion or body; B, the breast; C, the filling orifice or mouth, and D the handle, such elementary features being common to cans of this class, and containing nothing of my invention.

In carrying out my improvement, which has grown out of my experiments with an invention patented to me on the first day of December, 1874, I remove the ordinary bottom of the can, and leave the cylinder A' open at bottom, and I attach, by solder or otherwise, to the lower edge of the cylinder, a stout metallic ring or band, E, upon the outer periphery of which I cast or affix several studs, *a a*, by which the bottom is attached. The removable bottom or base of the

can is shown at C, as composed, preferably, of cast metal, and in the form of a shallow cup, whose internal diameter corresponds to that of the exterior of the band E, and within the inner side wall or periphery of the bottom G I create several obliquely-disposed or sloping grooves, *b b*, which correspond in position with the studs *a a*, and in connection with them constitute a clutch or adjustable connection, by which the bottom is readily and expeditiously applied to or removed from the remainder of the can. I prefer to inclose between the upper edge of the bottom G and the ledge *c* of the band E, against which such edge abuts, an elastic ring or other proper packing, to effectually prevent escape of contents of the can at the joint between the body and base. The advantages attaching to this construction of can for containing milk, oysters, and many other uses, are practically the same as set forth in my patent before named, and will be apparent to all, but I have found in practice that in some respects the construction herein explained is to be preferred to that shown in my said patent.

I claim—

A can, formed with a breast and contracted mouth at one end, and provided at the opposite end with a separate and removable bottom that fits and connects with the can-body, substantially in the manner and for the purposes set forth.

FRANCIS D. BRODHEAD.

Witnesses:

F. CURTIS,  
W. E. BOARDMAN.