

(Model.)

J. K. CLEARY.

CAN OR SIMILAR VESSEL.

No. 398,234.

Patented Feb. 19, 1889.

FIG. 1.

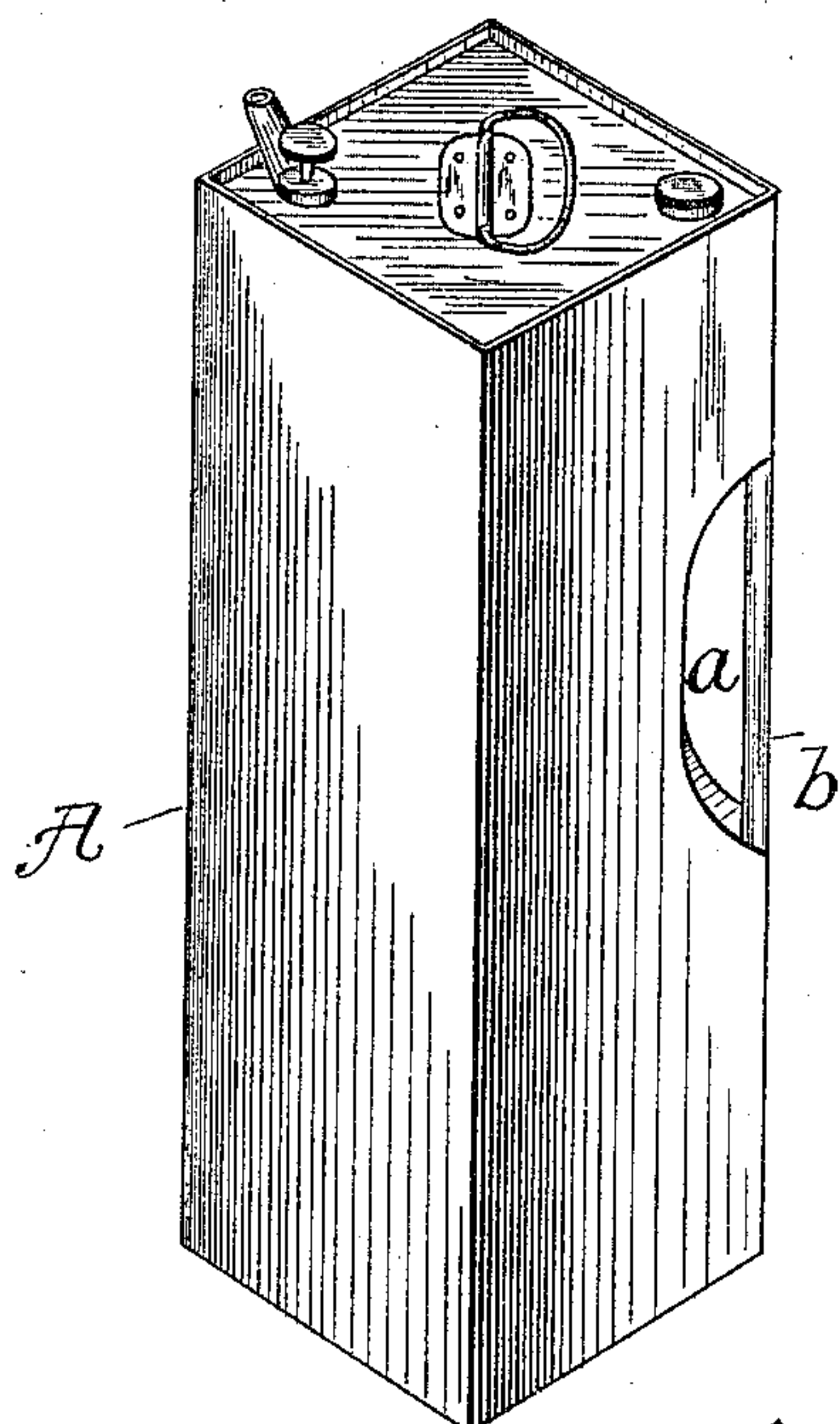


FIG. 2.

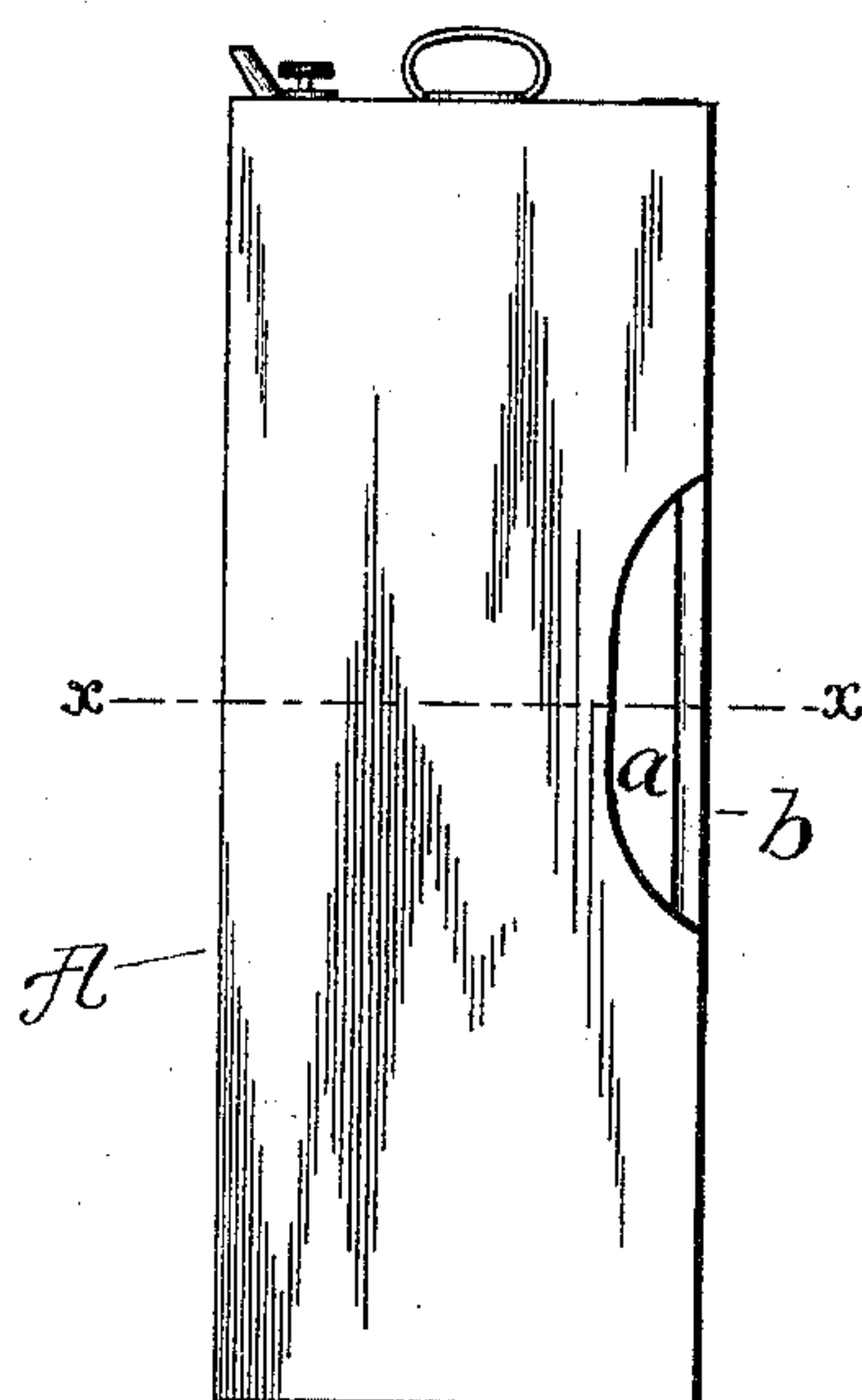


FIG. 5.

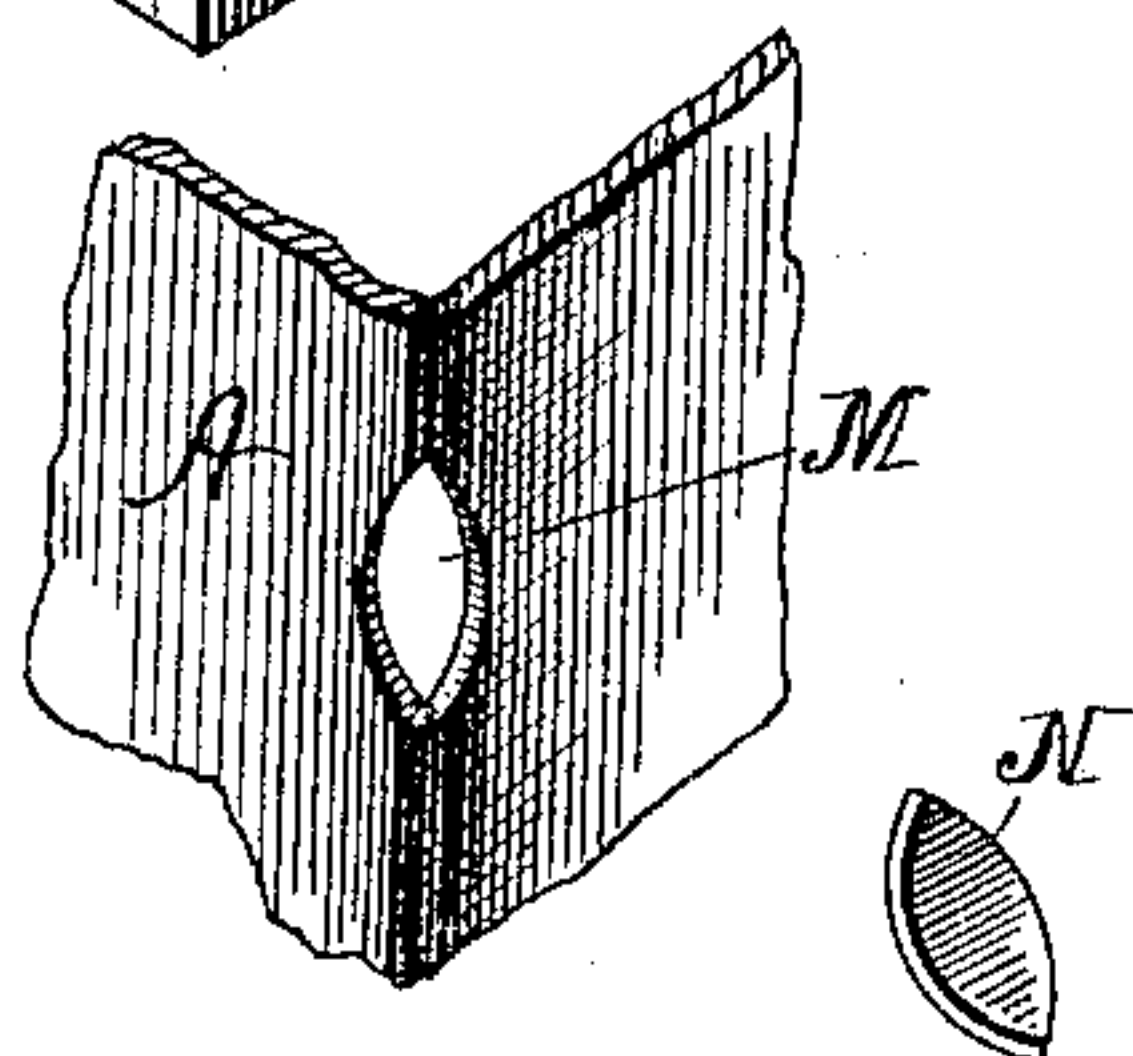


FIG. 4.

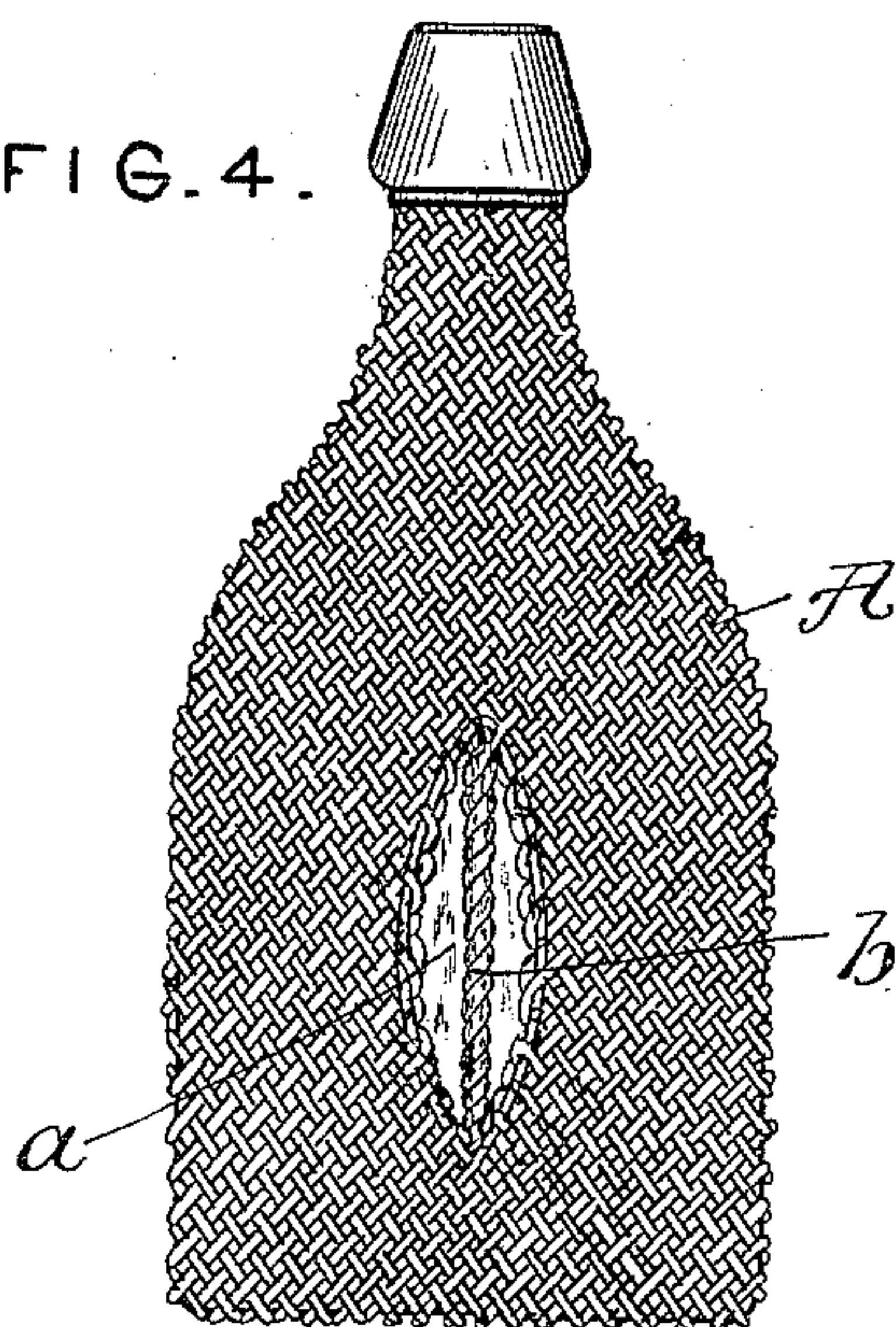
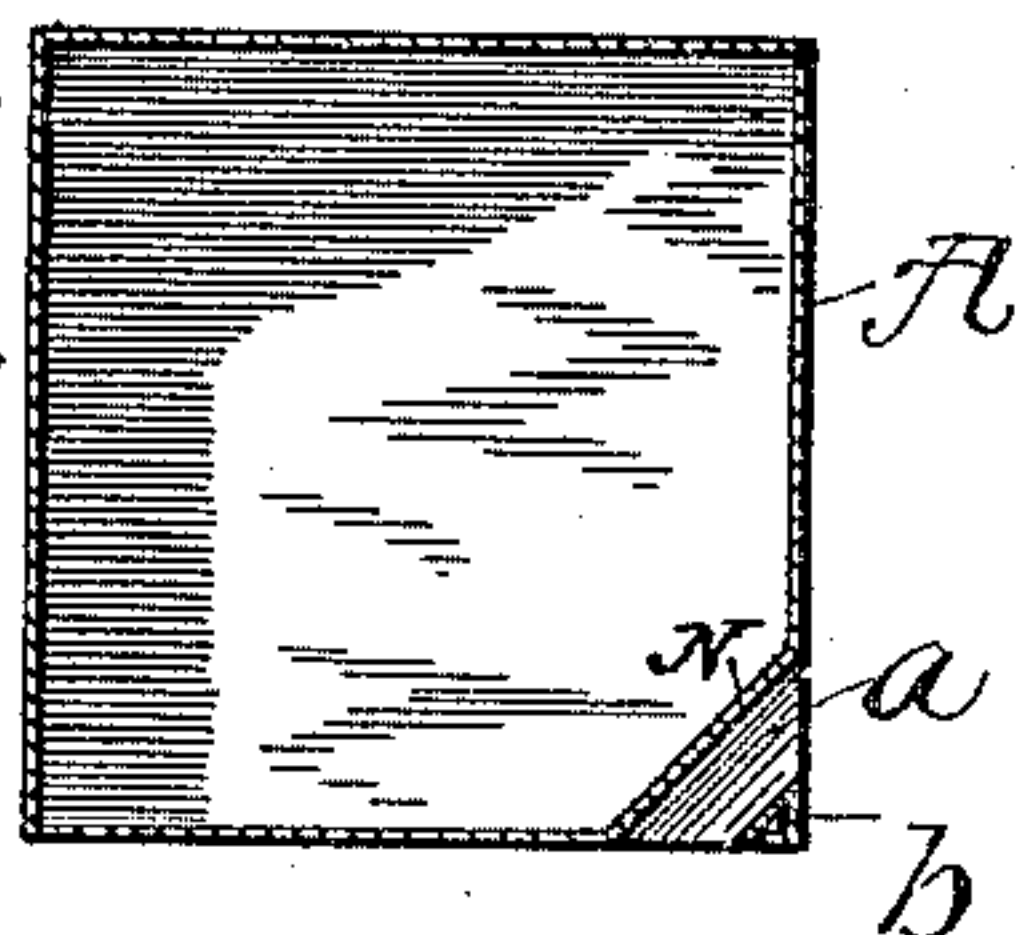


FIG. 3.



ATTEST -

Harry L. Amer.  
E. Everett Ellis

INVENTOR -

James K. Cleary.  
By  
Ym. C. W. Intire  
Att'y.



# UNITED STATES PATENT OFFICE.

JAMES K. CLEARY, OF WASHINGTON, DISTRICT OF COLUMBIA.

## CAN OR SIMILAR VESSEL.

SPECIFICATION forming part of Letters Patent No. 398,234, dated February 19, 1889.

Application filed December 1, 1888. Serial No. 292,370. (Model.)

*To all whom it may concern:*

Be it known that I, JAMES K. CLEARY, a citizen of the United States, residing at Washington, in the District of Columbia, have invented certain new and useful Improvements in Cans and Similar 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 make and use the same.

This invention relates to certain new and useful improvements in cans and like vessels; and it consists, substantially, in such features of construction as will hereinafter be more particularly described and pointed out.

The object of my invention is to provide a can or like vessel of such construction as that the same may be much more conveniently lifted and brought to a position for pouring therefrom than with many forms of cans and similar vessels heretofore in use; also to permit of shipment of the same in large quantities with less consumption of space and but little risk of breakage or distortion of the handles, all as will more fully hereinafter appear when taken in connection with the accompanying drawings, wherein—

Figure 1 represents a perspective view of a can or like vessel constructed in accordance with my invention, and Fig. 2 is a side view thereof. Fig. 3 represents a horizontal sectional view of Fig. 2 on the line  $x x$ , and Fig. 4 is a side view of a modification. Fig. 5 represents in perspective a can constructed in accordance with my invention, the same being intended to represent one manner of making or construction thereof, and wherein two of the intersecting sides are shown as cut out correspondingly to receive the dished or concaved portion which closes up the opening made or left by such cutting, and which imparts or gives to the can or vessel the appearance of being sunken or recessed.

In carrying my invention into effect I recess the can or vessel, preferably, at the angle of intersection of two of its sides, or, if desired, at one of the sides thereof only, to form a cavity or recess of sufficient dimensions to receive or accommodate the hand or fingers of the person using the vessel. I then solder or otherwise secure to the can or vessel before

the cavity or recess, and in a plane flush or coincident with the plane of the sides of the vessel, a grip or handle, which preferably is of a shape to conform to the general contour of the said vessel. In this way a handle or grip is formed or provided which does not extend or protrude beyond the sides of the vessel, thereby consuming no more space in transportation than formerly, and also permitting of the vessel being handled much more conveniently.

Referring to the annexed drawings by the letters marked thereon, A represents a can or like vessel, the same being recessed, preferably, at the angle of intersection of two of its sides to form a cavity,  $a$ , although, if desired, such cavity may be formed in one of the sides only. Attached or secured to the can at the upper and lower extremities of the recess, and in a plane flush or coincident with the plane of the sides of the vessel, is a handle or grip,  $b$ , capable of being readily grasped by the hand when it is desired to lift the vessel for the purpose of emptying it of its contents. The said handle or grip  $b$ , in addition to its function as such, also serves to strengthen the sides of the vessel, and does not add to the dimensions of the vessel, thereby giving to it a twofold advantage.

In the use of the can or vessel for the shipment of oils and similar liquids I propose to form the same complete with the handles; but it is evident that in supplying the vessels themselves to the trade I may furnish them minus the handles, which can be readily attached subsequently.

The modification, Fig. 4, is intended to represent an ordinary glass or earthenware demijohn surrounded or inclosed by the usual wicker covering to protect the same from breakage. In the side of this vessel is formed the recess or cavity  $a$  shown in the other figures. In this instance the outer covering of the vessel is twisted or plaited to form the handle or grip  $b$ , and in all respects comes within the scope of my invention.

As one method of constructing or making a can or similar vessel embodying the form described, it may be stated that the said can or vessel may be made up of the usual top and bottom, and, if desired, of four separate sides,



which are soldered or otherwise joined together at their intersecting or meeting edges, two of which sides being correspondingly cut out, as represented at M, Fig. 5, thus leaving  
5 an opening, over which is afterward soldered or secured the curved or dished portion N, to impart to the can the characteristic intended. Instead, however, and preferable to making the can or vessel of four separate sides, sol-  
10 dered or otherwise secured together, I make the body of a single piece, the same being turned or stamped into shape and united at one corner only, the edges being cut as above explained, and to which the curved or dished  
15 portion N is secured, as and for the purpose described.

I do not limit myself, however, to either of the above-described methods of constructing the said can or other vessel, as it may be  
20 found practicable to stamp the same into the desired shape by the use of machinery, in which event I might so wish to make them.

Having thus described my invention, what I

claim as new, and desire to secure by Letters Patent, is—

1. A can or like vessel having its side wall  
25 formed with a cavity for the reception of the hand and provided with a handle or grip located before such cavity and in a plane flush or coincident with the sides or surface of the  
30 vessel, substantially as described.

2. A can or like vessel having a portion of its side walls cut out to form an opening, and having a handle or grip located before such  
35 opening in a plane coincident with the sides or surface of the vessel, and a dished or curved piece set into the opening and soldered or otherwise secured to the edges thereof, sub-  
stantially as described.

In testimony whereof I affix my signature in  
40 presence of two witnesses.

JAMES K. CLEARY.

Witnesses:

E. EVERETT ELLIS,  
CURTIS LAMMOND.