

E. T. MASON.
SHIPPING-CAN SHIELDS.

No. 195,380.

Patented Sept. 18, 1877.

FIG. 1.

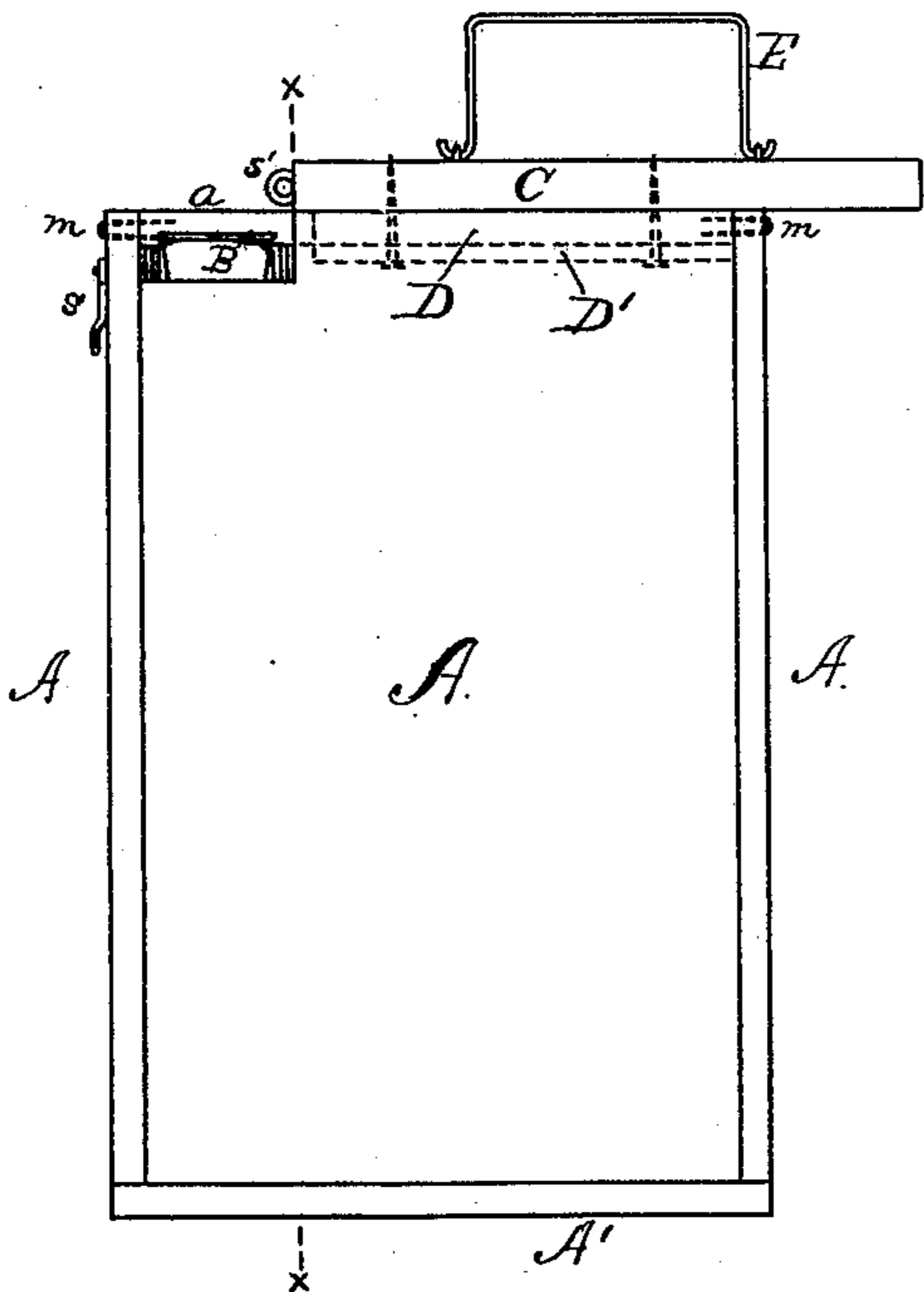


FIG. 3.

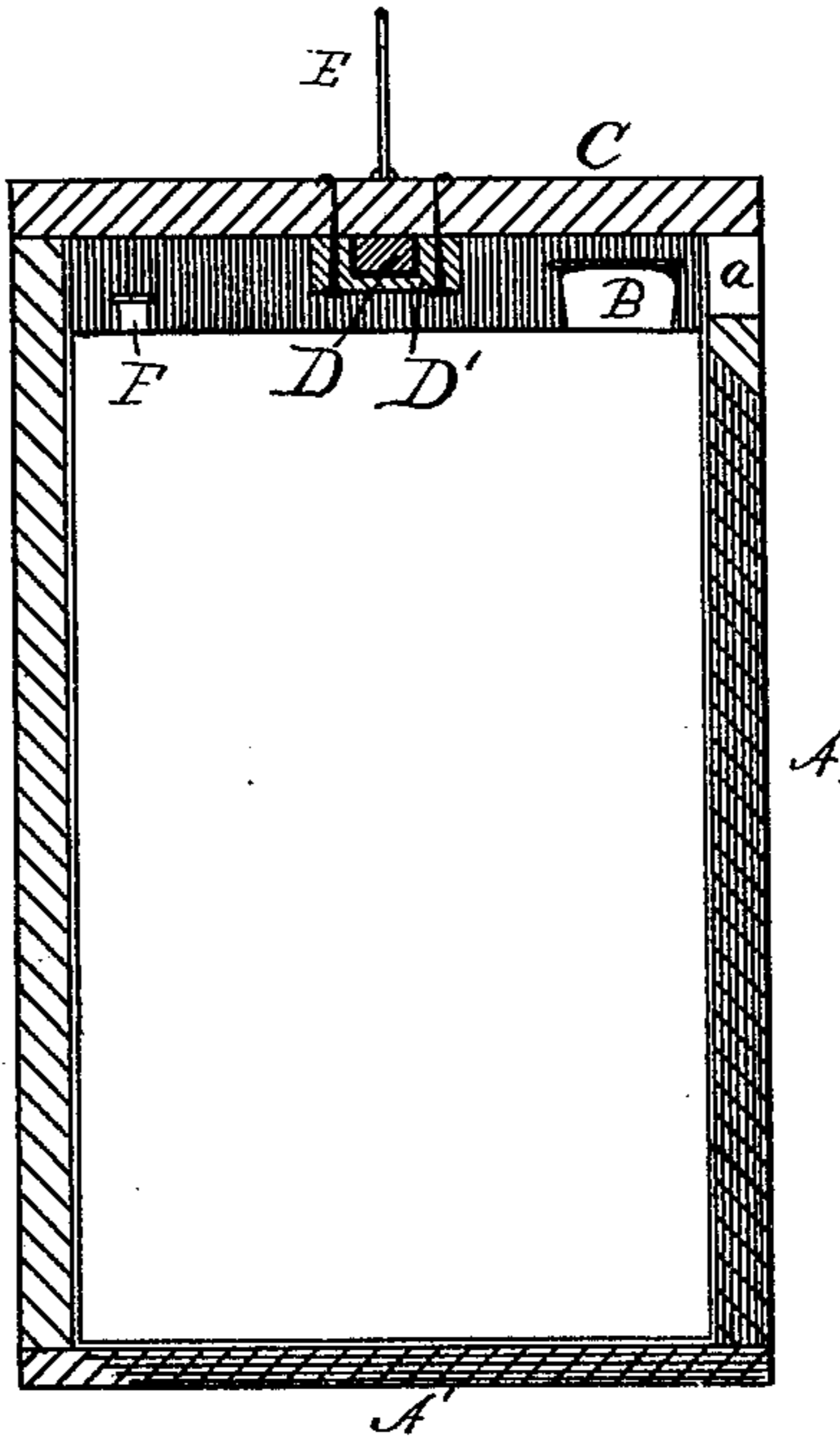


FIG. 2.

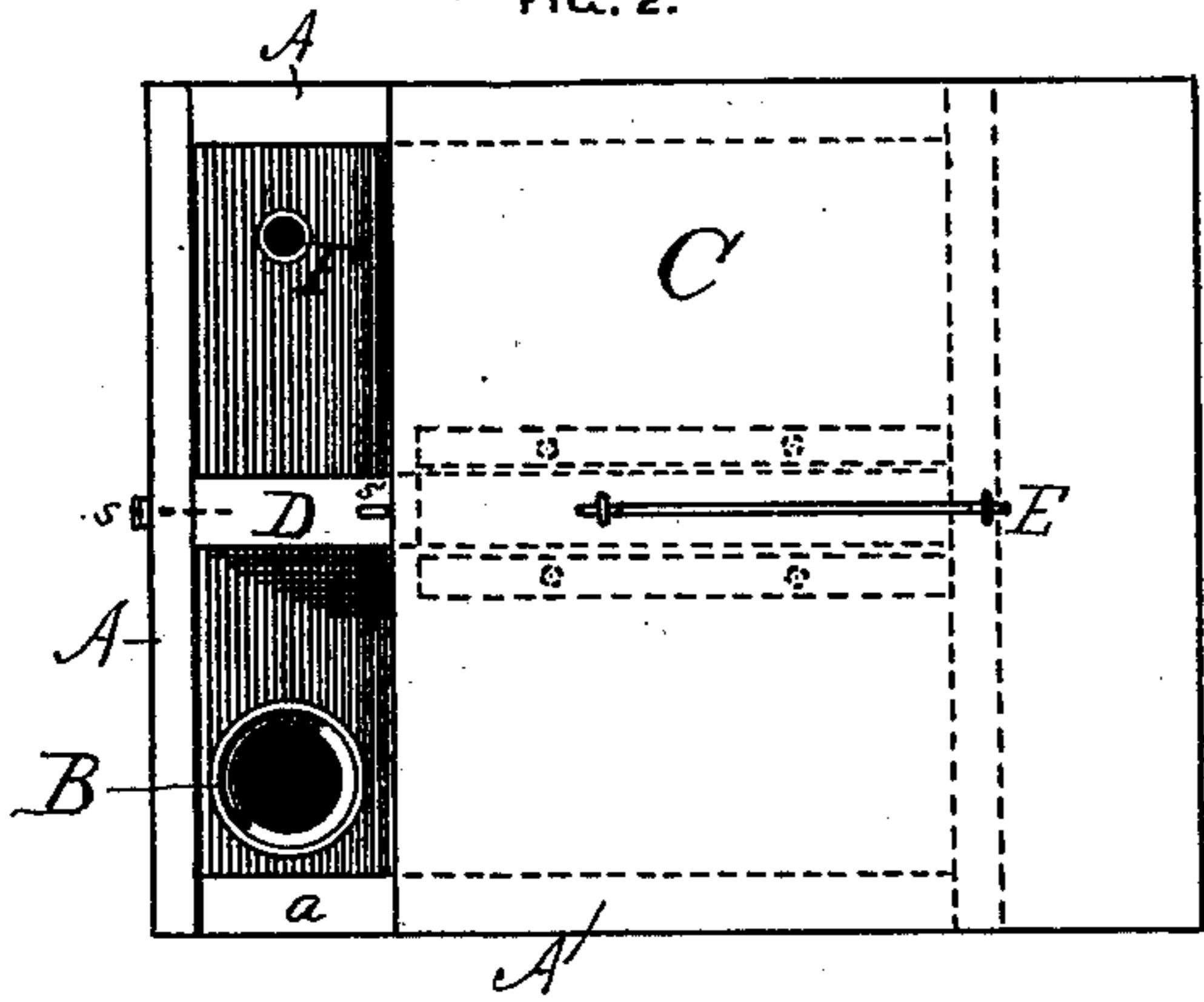
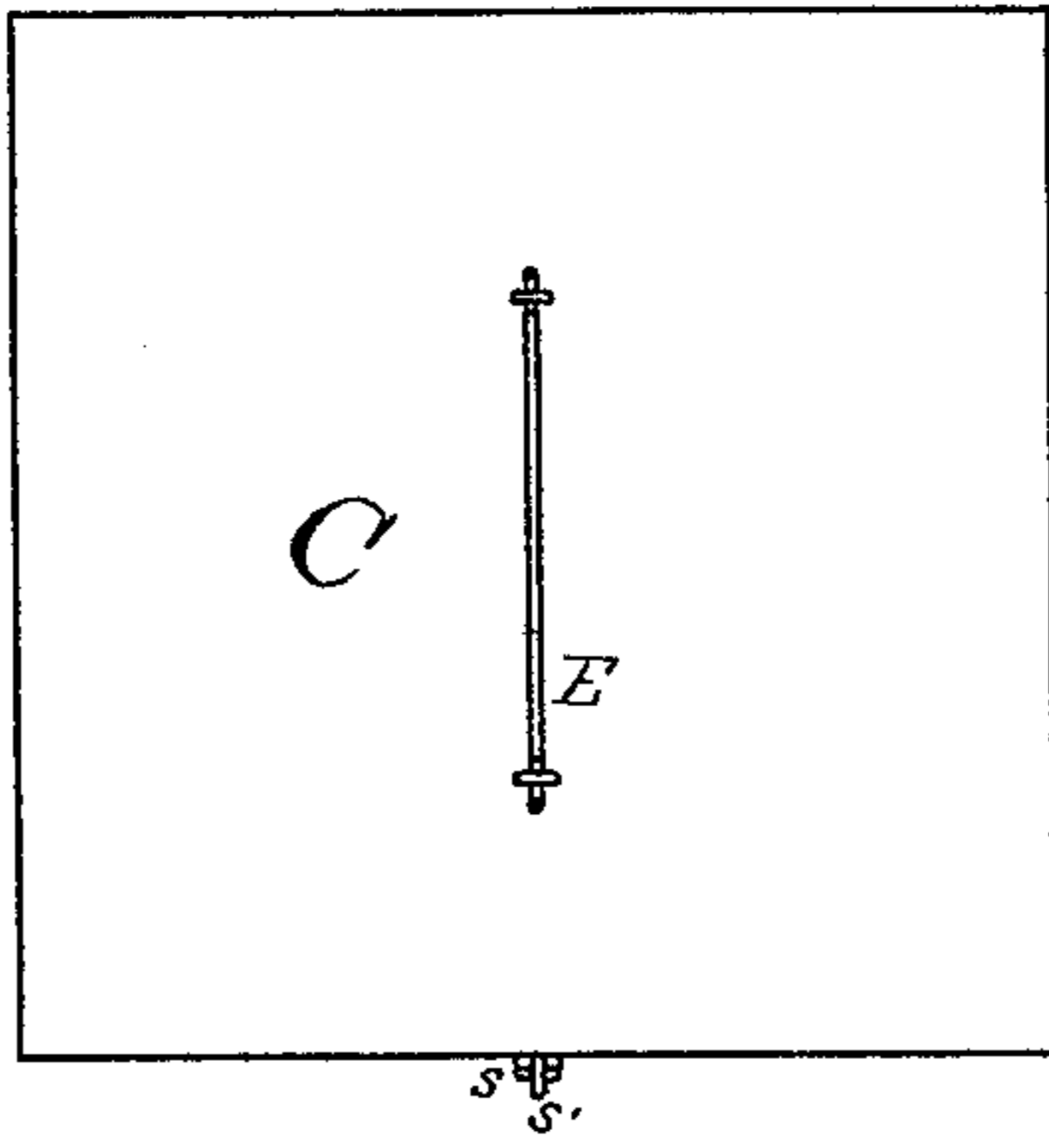


FIG. 4.



Witnesses

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EDWARD T. MASON, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN SHIPPING-CAN SHIELDS.

Specification forming part of Letters Patent No. **195,380**, dated September 18, 1877; application filed August 27, 1877.

To all whom it may concern:

Be it known that I, EDWARD T. MASON, of Chicago, in the county of Cook and State of Illinois, have invented certain Improvements in Shipping-Can Shields, of which the following is a specification:

This invention will be fully understood from the accompanying drawing, forming a part of this specification, and the following description.

In said drawing, Figure 1 is a side elevation, and Fig. 2 a top view, of my improved can-shield, showing the top in position for pouring. Fig. 3 is a vertical section thereof upon the line *xx* of Fig. 1, and Fig. 4 is another top view, showing the shield closed.

Like letters of reference made use of in the several figures indicate like parts wherever employed.

In said drawing, A represents the sides, and A' the bottom, of my can-shield, the same forming a perfectly plain right-angled box of such dimensions that the can will fill its inside with the exception of a small space at the top. One of the sides is cut away at the upper corner *a*, adjacent to the nozzle B of the can, to permit pouring from said nozzle.

C is the cover, which, as will be seen from the drawing, is of such dimensions that it completely sets over flush with the sides A, and protects them. This cover is so fastened to the case that it may be made to slide back in a straight horizontal direction a sufficient distance to expose the nozzle, as seen in Figs. 1 and 2, when it is desired to fill or pour from the can. This sliding movement is governed, and the top is secured to the shield by devices placed under the cover, and within the vacant space at the top of the can. These devices consist of a strip, D, extending from the front to the rear side of the shield, and secured thereto at the points of contact, and a grooved slide, D', affixed to the under side of the cover. The strip D is placed centrally in the shield, as shown by the drawing, and the slide D' is made of such length that its end will come in contact with the shield when the cover is slid back the proper distance to uncover the nozzle, and

likewise so that its front end will strike the front of the shield when the cover is pushed back in closing, thus operating as a stop to prevent too great movement in either direction. The groove is placed around the strip D.

It will thus be seen that the top will be firmly held to the body of the shield at all times, whether open or closed.

Of course it will be understood that the shape of the guide-strip, and of the groove in the slide, may be varied in many ways, and the same result accomplished, and I therefore do not wish to be limited to the special form shown.

The slide D' may be made to serve other purposes than those specified. Thus, by securing it to the cover transversely to the grain of the latter, by clinched nails or equivalent sure means, it will prevent warping of the cover; also, by making it sufficiently thick vertically it will hold the can from slipping in the box when pouring.

The handle of the can is lettered E, and the vent F. It will be noticed that the latter is at the opposite corner from the nozzle. To avoid interference therewith and with the nozzle, I place the sliding and holding instrumentalities in the center of the case, as shown.

When closed, the cover is locked by passing the hook *s* upon the front of the can into the eye *s'* projecting from the cover.

If it is desired to remove the can from the case, it may be done readily, as the guide-strip can be taken out if one or both the double-pointed fastenings *m*, securing it to the shield, are withdrawn.

By placing the mechanism of the case within the same the exterior is rendered plain and free from the obstacles usually found upon cases of this class, to close packing in transportation or storage. My construction also permits the nailing of the top to the sides, if extra security is desired.

What I claim as new is—

1. As a new manufacture, a can-shield provided with a top which covers and is flush with the side pieces, and to which a straight horizontal sliding movement is permitted, substantially as set forth.

2. As a new manufacture, a can-shield having a sliding top, the devices connecting which with the shield and regulating its movement are entirely inclosed within the shield, substantially as specified.

3. The can-shield provided with a sliding top, having the devices for holding said top and regulating its movement located centrally within the shield, substantially as shown.

4. The shield having a sliding top secured

thereto by means of the guide-strip and slide, substantially as set forth.

5. The combination, with the top and sides of the shield, of the slide, when the latter is of such length and is so placed as to act as a stop, substantially as set forth.

E. T. MASON.

Witnesses:

EDW. S. EVARTS,
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