

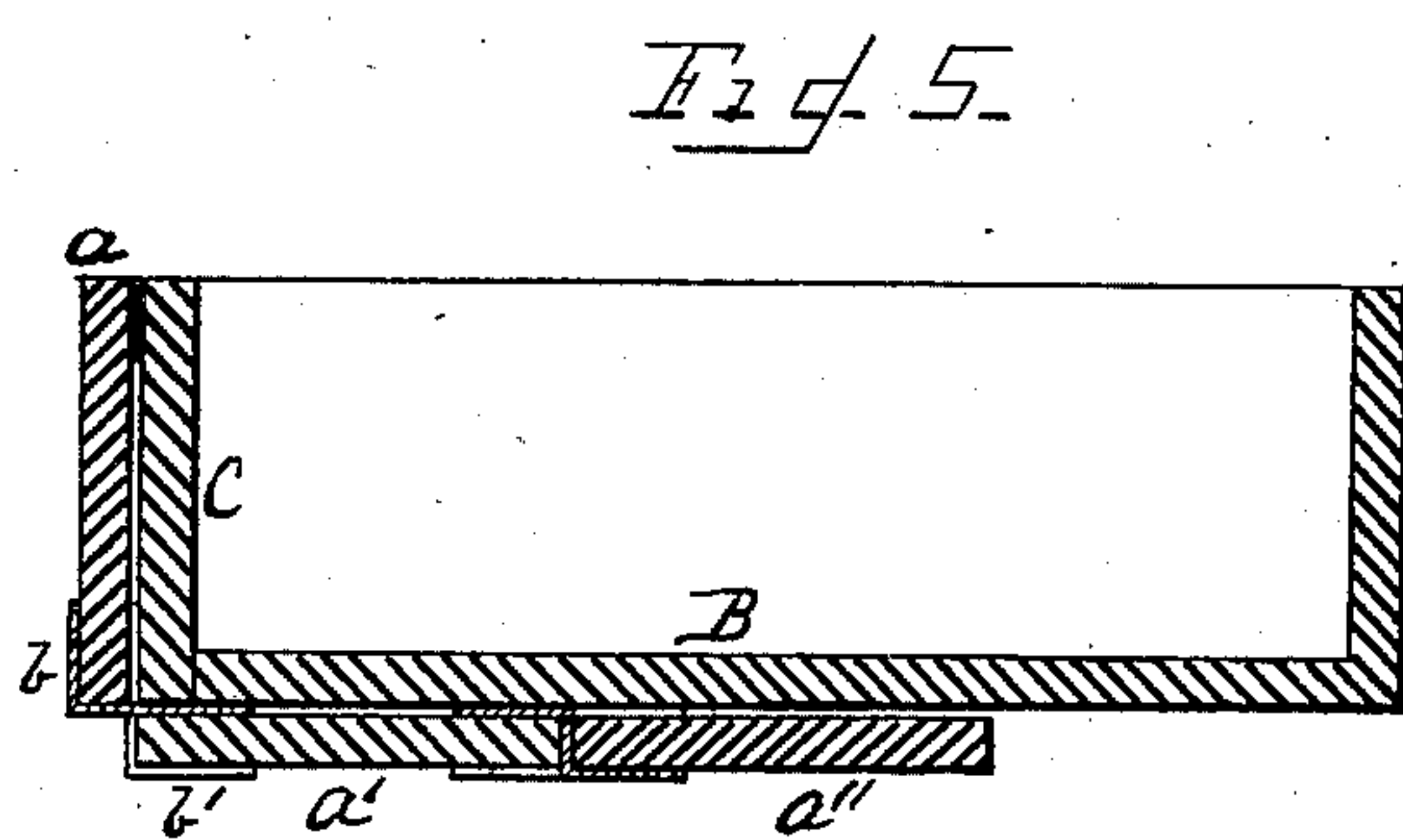
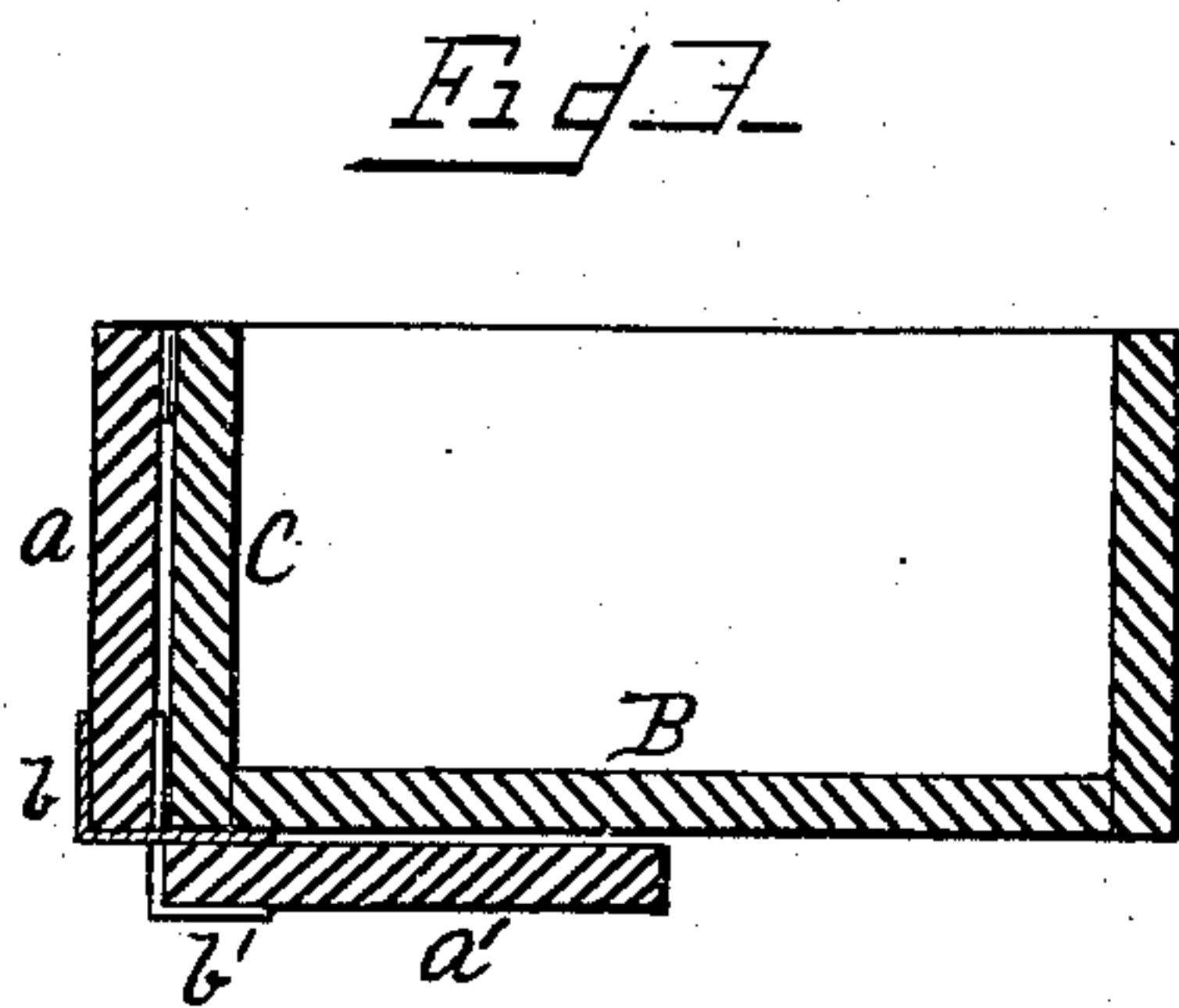
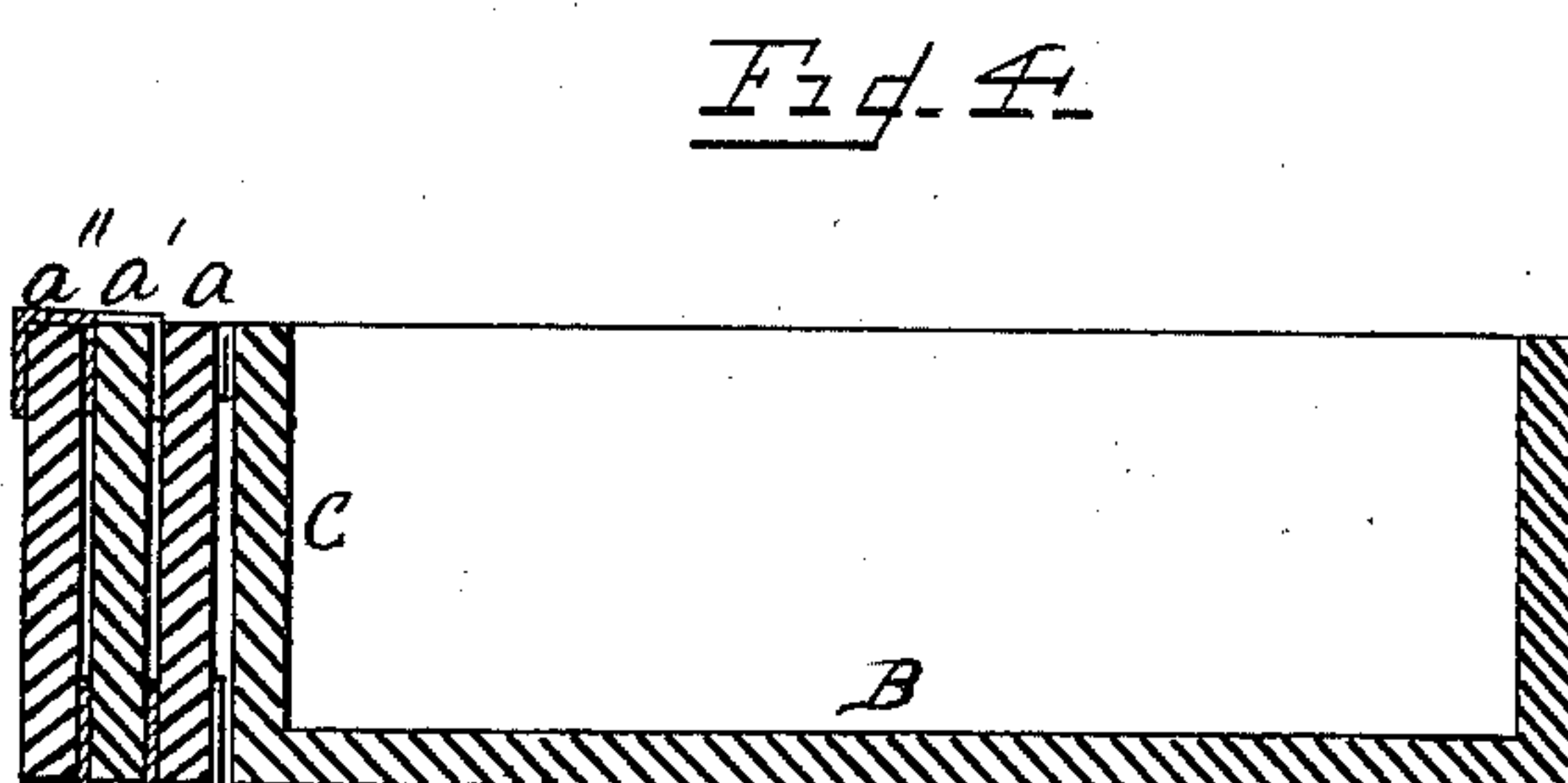
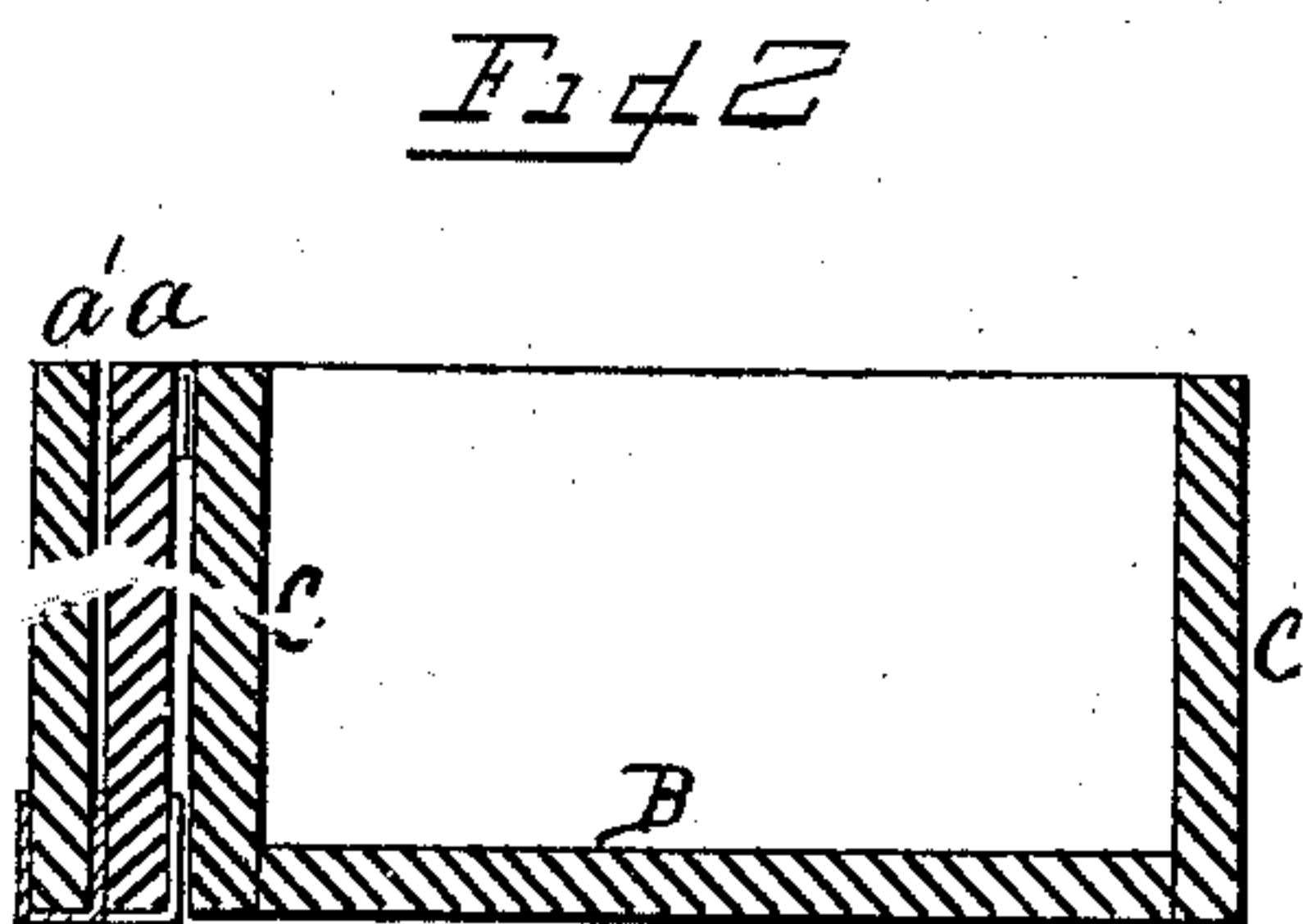
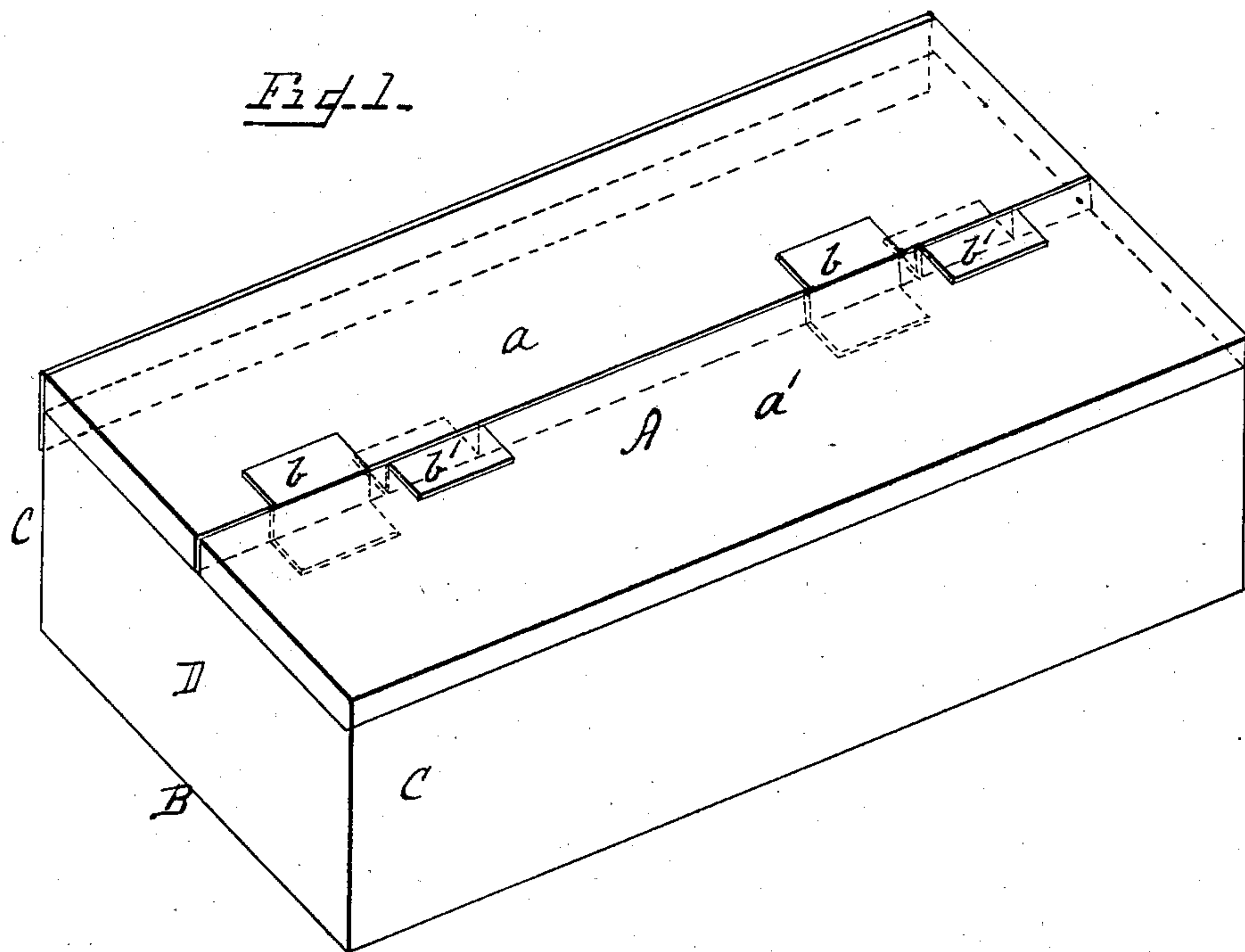
(No Model.)

J. FLYNN.

BOX.

No. 312,713.

Patented Feb. 24, 1885.



Witnesses -

S. A. Tauberschmidt.  
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# UNITED STATES PATENT OFFICE.

JOHN FLYNN, OF OMAHA, NEBRASKA.

## BOX.

SPECIFICATION forming part of Letters Patent No. 312,713, dated February 24, 1885.

Application filed November 22, 1884. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN FLYNN, a citizen of the United States, residing at Omaha, in the county of Douglas, State of Nebraska, have invented certain new and useful Improvements in Boxes; and I hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, in which—

Figure 1 is a perspective view of the box embodying my invention, the lid closed down. Fig. 2 is a transverse sectional view of the same, the lid being folded on one side to disclose the interior of the box. Fig. 3 is a similar section, the lid being folded down and under the box. Figs. 4 and 5 are sectional views of a modification embodying the same principles, but adapted to boxes which are very wide.

Like letters refer to like parts wherever they occur.

This invention relates to the construction of that class of boxes intended for holding and displaying articles of any character or description wherein the removal of the lid or cover is objectionable, or is prohibited by law—as in the case of cigar-boxes, or like boxes upon which revenue stamps are used—and is especially adapted to boxes wherein the width exceeds the depth, so that the lid cannot be conveniently turned against the side of the box.

The general construction of this class of boxes is such that in arranging the same in show-cases, show-windows, &c., as is necessary in exhibiting or displaying the goods for the purposes of retail trade, much room is lost, and it is almost impossible to give a neat, attractive, and compact appearance to the goods displayed.

The object of my invention is to construct the lid or cover, and attach the same to the box, so that it can, without removal, be folded against the side or side and bottom of the box, to conform to the shape of the box and occupy the least possible space.

To this end it consists, mainly, in constructing a box-lid of two or more sections hinged together so as to be folded upon each other and against the side of the box.

The preferred construction is one wherein

the longitudinal section which is hinged to the box equals, or substantially equals, in width the depth of the box, while the hinge-connection between said section and the remaining section or sections of the lid is double-acting, so that the latter sections may be either folded back upon the first section, as shown in Figs. 2 and 4, or under the box, as shown in Figs. 3 and 5, at the will of the user.

I will now proceed to describe my invention more fully, so that others skilled in the art to which it appertains may apply the same.

In the drawings, A indicates the lid, B the bottom, C the sides, and D the ends, of a cigar or other box intended for the packing and displaying of goods.

For the purpose of illustration, a shallow form of cigar-box has been selected.

The box composed of the bottom B, sides C, and ends D may be constructed as usual; but the lid or cover A is divided into two or more sections, *a a'*, &c., the inner one of which, *a*, or that which is hinged directly to the box, being of a width equal to or less than the depth of the box, while the remaining sections, *a'*, &c., may be of the same width as section *a*, or greater, as the case may be. For instance, if it is desired to fold the sections upon each other, and against the side of the box, as shown in Figs. 2 and 4, the section *a* may be of a width equal to or less than the depth of the box, and the sections *a'*, &c., may correspond in width with section *a*, while if it is desired to construct a box wherein the sections *a'*, &c., may be folded under the box, as shown in Figs. 3 and 5, the inner section, *a*, or that which is hinged directly to the box, should be of a width equal to the depth of the box, while a single section, *a'*, of a width sufficient to cover all the top of the box left uncovered by section *a*, may be used, or several sections, *a'*, aggregating the same width, may be used, at the will of the constructor. The section *a* is hinged to the box by any form of hinge which will allow it to be folded against the side C thereof, while the sections *a'* may be hinged to the section *a* by a double-acting hinge, which will admit of its being folded either up against the section *a* or under and against the bottom B.



For purposes of illustration, the sections *a a'* are shown as connected by the straps *b b'*, which cross each other, and are attached respectively to the upper surface of one section and the under surface of the opposite section in the well-known manner of forming a double-acting hinge. This form of hinge is suggested because it is cheap and effective; but any other form of hinge may be employed at the will of the maker.

The construction being of the general character specified, the contents of the box may be displayed without disconnecting the lid from the box, either by folding the sections *a a'* upon each other and against the side of the box or by folding the section *a* against the side of the box and the section *a'* under and against the bottom of the box. In either case the connection of box and lid will be preserved, and little more space will be occupied by the box in such condition than when the lid is closed.

In addition to the advantages hereinbefore specified may be cited the material one of preserving the well-known and desirable trade shape and appearance of cigar and similar boxes.

Having thus set forth the nature and advantages of my invention, what I claim and desire to secure by Letters Patent, is—

1. The combination, with a box, of a lid composed of two or more sections hinged together, one of said sections being hinged to the box, whereby the sections can be folded upon each other and against the side of the box, substantially as and for the purposes specified.

2. The combination, with a box, of a lid composed of two or more sections hinged together, the width of one section being substantially equal to the depth of the box, and said section being hinged to the box, substantially as and for the purposes specified.

3. The combination, with a box, of a box-lid composed of two or more sections united by the double-acting strap-hinges *b b'*, substantially as and for the purposes specified.

In testimony whereof I affix my signature, in presence of two witnesses, this 18th day of November, 1884.

JOHN FLYNN.

Witnesses:

A. C. WOOLLEY,  
C. O. RINEHARD.