

(No Model.)

W. FELSTEAD.

LUNCH BOX.

No. 277,251.

Patented May 8, 1883.

Fig. 1.

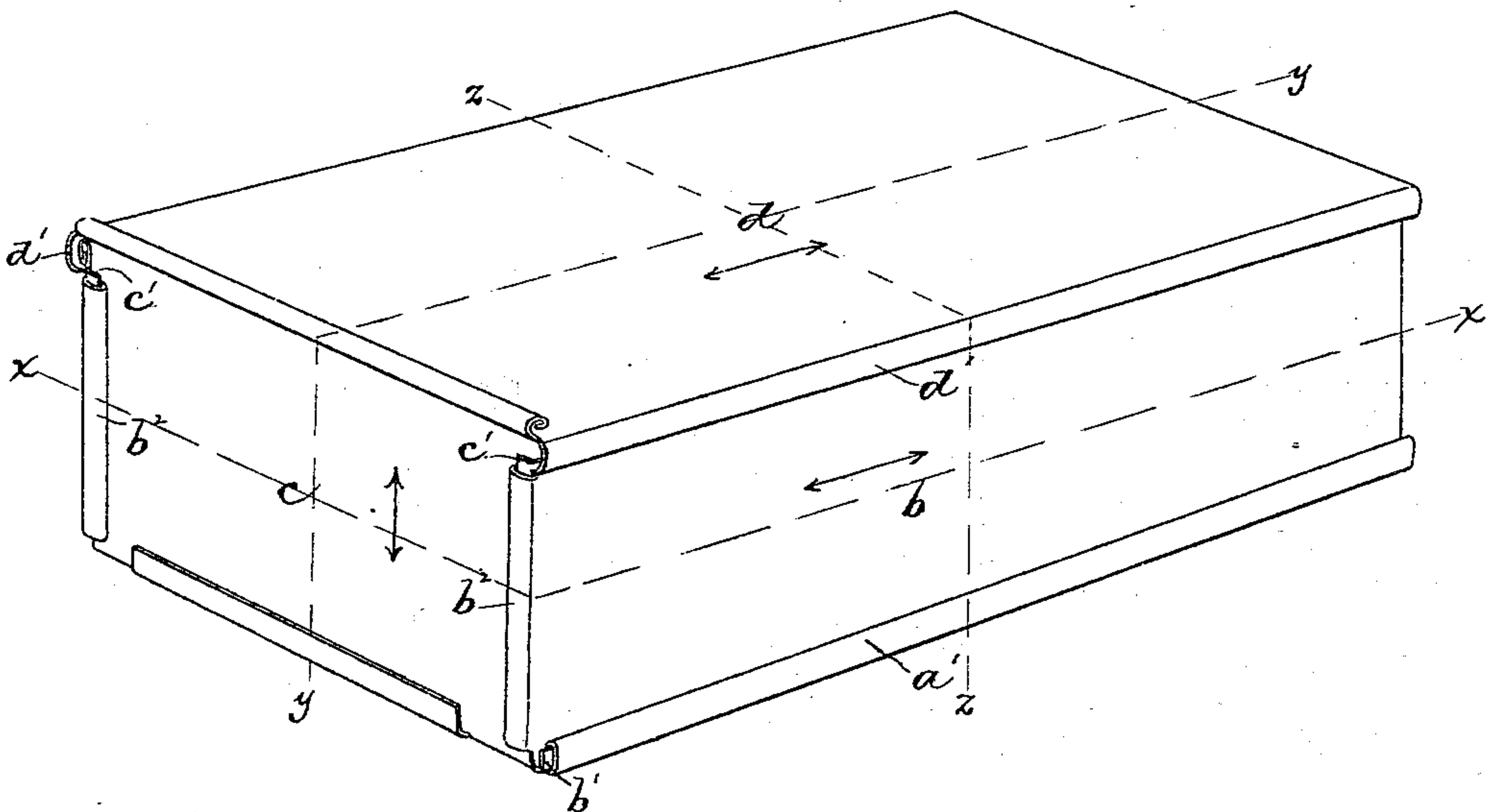


Fig. 2.

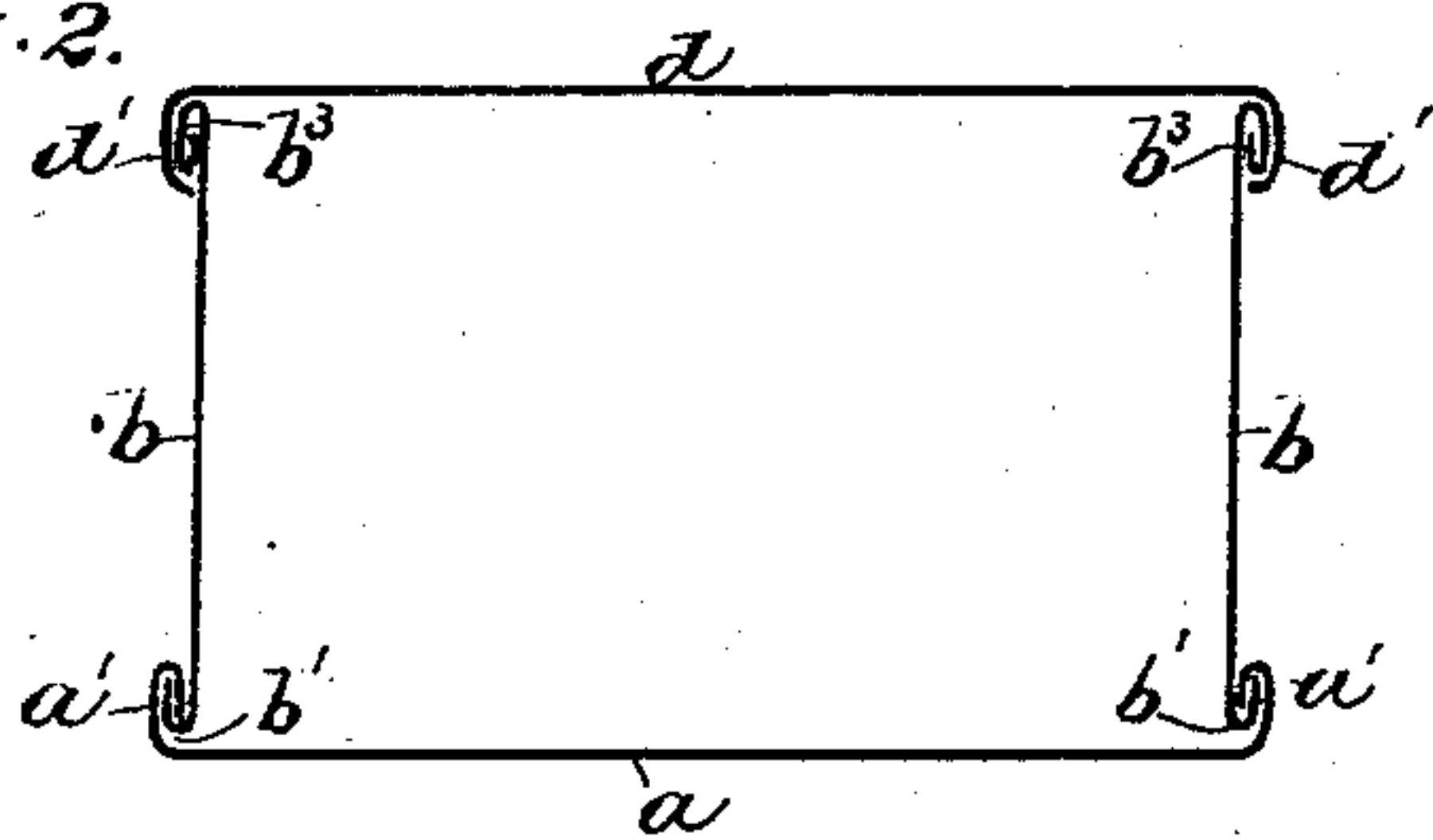


Fig. 3.

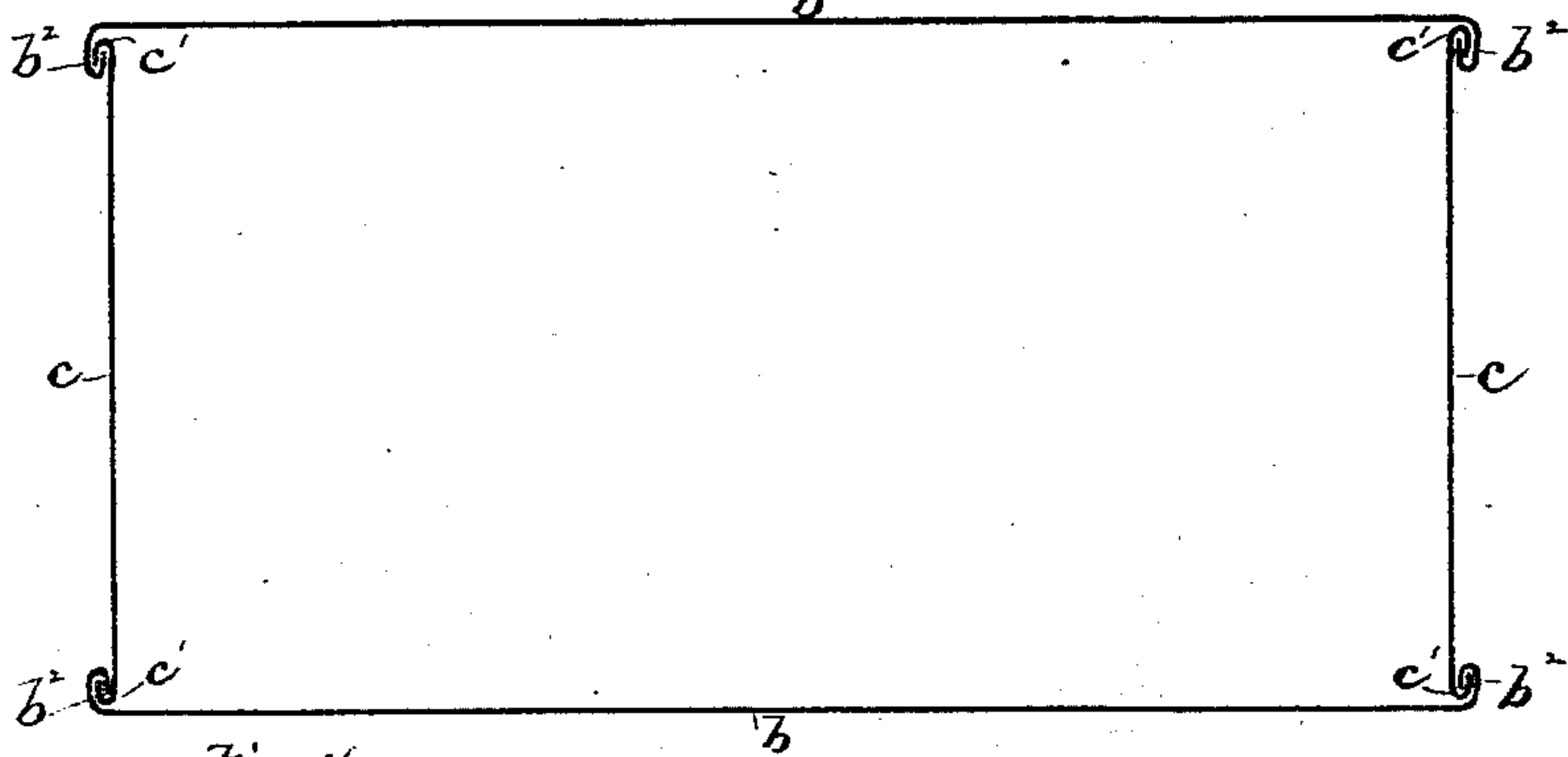
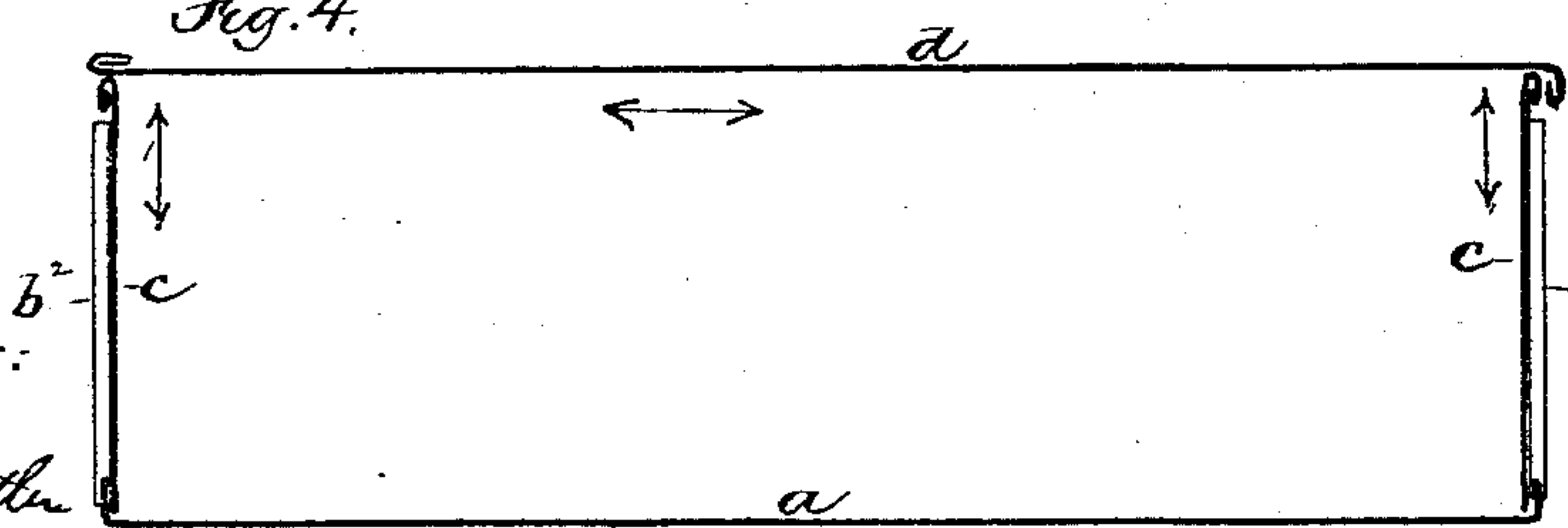


Fig. 4.



Witnesses:

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UNITED STATES PATENT OFFICE.

WILLIAM FELSTEAD, OF BOSTON, MASSACHUSETTS.

LUNCH-BOX.

SPECIFICATION forming part of Letters Patent No. 277,251, dated May 8, 1883.

Application filed March 31, 1883. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM FELSTEAD, of Boston, in the county of Suffolk and State of Massachusetts, have invented certain Improvements in Lunch-Boxes, of which the following is a specification.

This invention has for its object to provide a lunch-box composed of a bottom, top, side, and end pieces capable of being entirely separated from each other, so that they can be packed in small compass, and of being easily connected, so as to form a box quite as strong as if the parts thereof were permanently united.

To this end my invention consists in the improvements which I will now proceed to describe and claim.

Of the accompanying drawings, forming a part of this specification, Figure 1 represents a perspective view of my improved box. Figs. 2, 3, and 4 represent sections on lines $x x$, $y y$, and $z z$, Fig. 1.

The same letters of reference indicate the same parts in all the figures.

My improved box is composed of the bottom piece, a , bent upwardly at its opposite longitudinal edges to form hooked flanges $a' a'$, the side pieces, $b b$, bent at their lower edges to form hooked flanges $b' b'$, and at their ends to form vertical hooked flanges $b^2 b^2$, and formed with outwardly-projecting beads $b^3 b^3$ at their upper edges, the end pieces, $c c$, bent at their ends to form hooked flanges $c' c'$, and the cover d , having its opposite edges curved downwardly to form flanges $d' d'$, partially embracing the beads b^3 of the side pieces.

The described parts are secured together to form a box by inserting the ends of the hooked flanges b' of the side pieces into the ends of the hooked flanges a' of the bottom piece and sliding the side pieces along until the flanges b' are entirely contained in the flanges a' , then inserting the flanges c' of the end pieces, c , in the end flanges, b^2 , of the side pieces in the same manner, and finally sliding the cover to place along the beads $b^3 b^3$. It will be observed that the connection of the edges of each piece to the edges of the adjoining pieces extends along the entire edge, so that there is no un-

supported point or points along any of the connected edges. The co-operating hooked flanges form what may be termed "sliding locks," inasmuch as they permit the parts to slide freely on each other, and lock them, so that they cannot be moved laterally at any point along their connected edges. It will also be observed that each piece can be readily detached from the others, so that all can be packed compactly. The hooked flanges on the respective pieces serve to stiffen said pieces and prevent them from bending.

I am aware that a lunch-box has been made in which the side pieces are hinged to the bottom and the end pieces are hinged to the side pieces. Such a construction, however, is not so strong as mine, particularly at the ends and corners of the box, and the box cannot be so closely packed as mine on account of the liability of the sides to bulge outwardly.

I claim—

1. A separable lunch-box composed of the top, bottom, side, and end pieces, formed with interlocking bent flanges extending along their edges and forming sliding locks, each flange being adapted to be secured to the co-operating flange by a longitudinal movement, as set forth.

2. The combination of the bottom piece, a , having at its edges the bent flanges $a' a'$, the side pieces, b , having at their lower edges the bent flanges $b' b'$, adapted to engage with the flanges $a' a'$ of the bottom, at their ends the bent flanges $b^2 b^2$, and at their upper edges the beads $b^3 b^3$, the end pieces, $c c$, having at their ends the flanges $c' c'$, adapted to engage with the flanges $b^2 b^2$ of the side pieces, and the cover d , having curved flanges $d' d'$, adapted to engage with the beads $b^3 b^3$ of the side pieces, b , as set forth.

In testimony whereof I have signed my name to this specification, in the presence of two subscribing witnesses, this 28th day of March, 1883.

WILLIAM FELSTEAD.

Witnesses:

C. F. BROWN,
A. L. WHITE.