

D. B. Spinning,

Fruit Crate,

N^o 66,183.

Patented June 25, 1867.

Fig. 2.

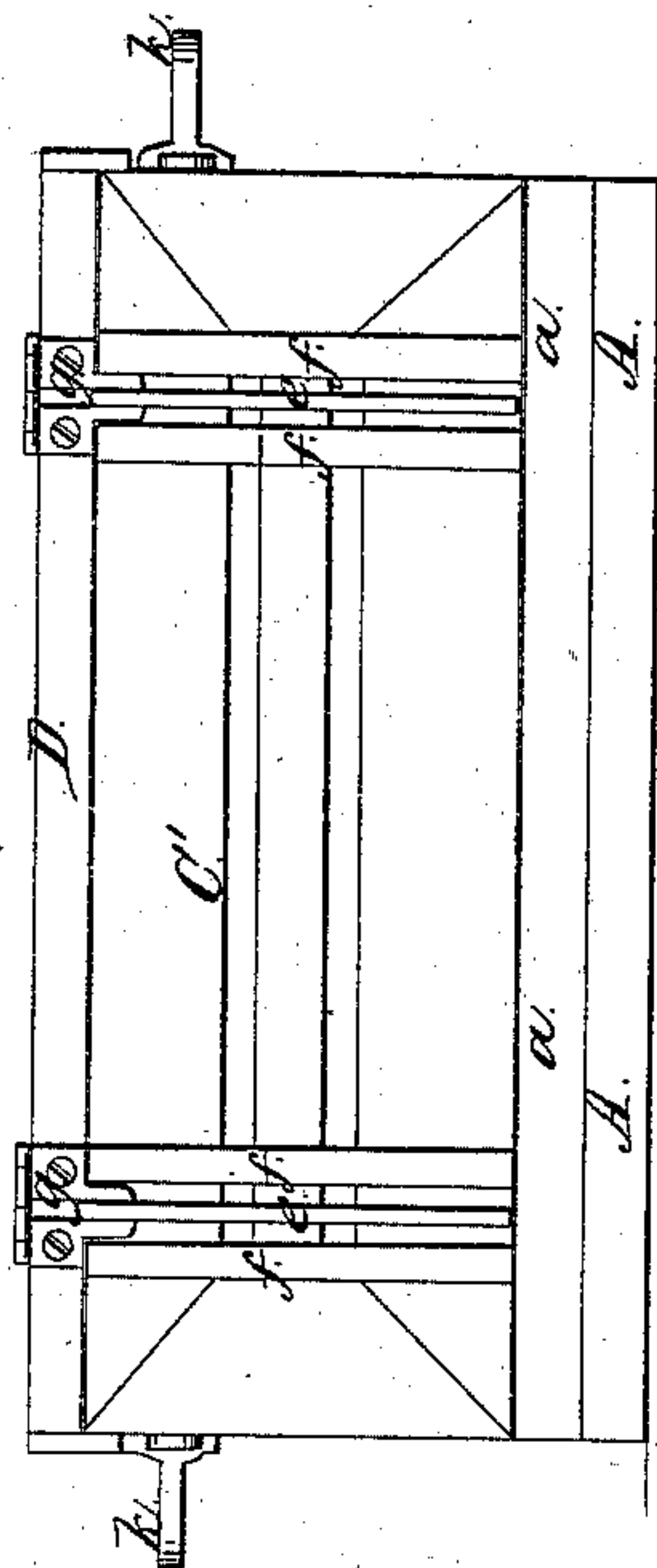


Fig. 4.

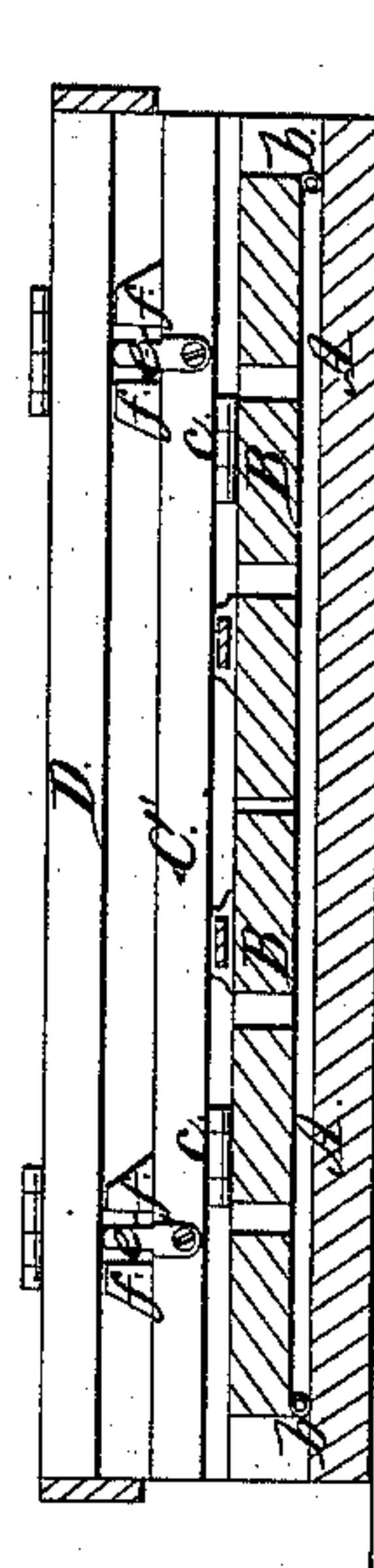


Fig. 1.

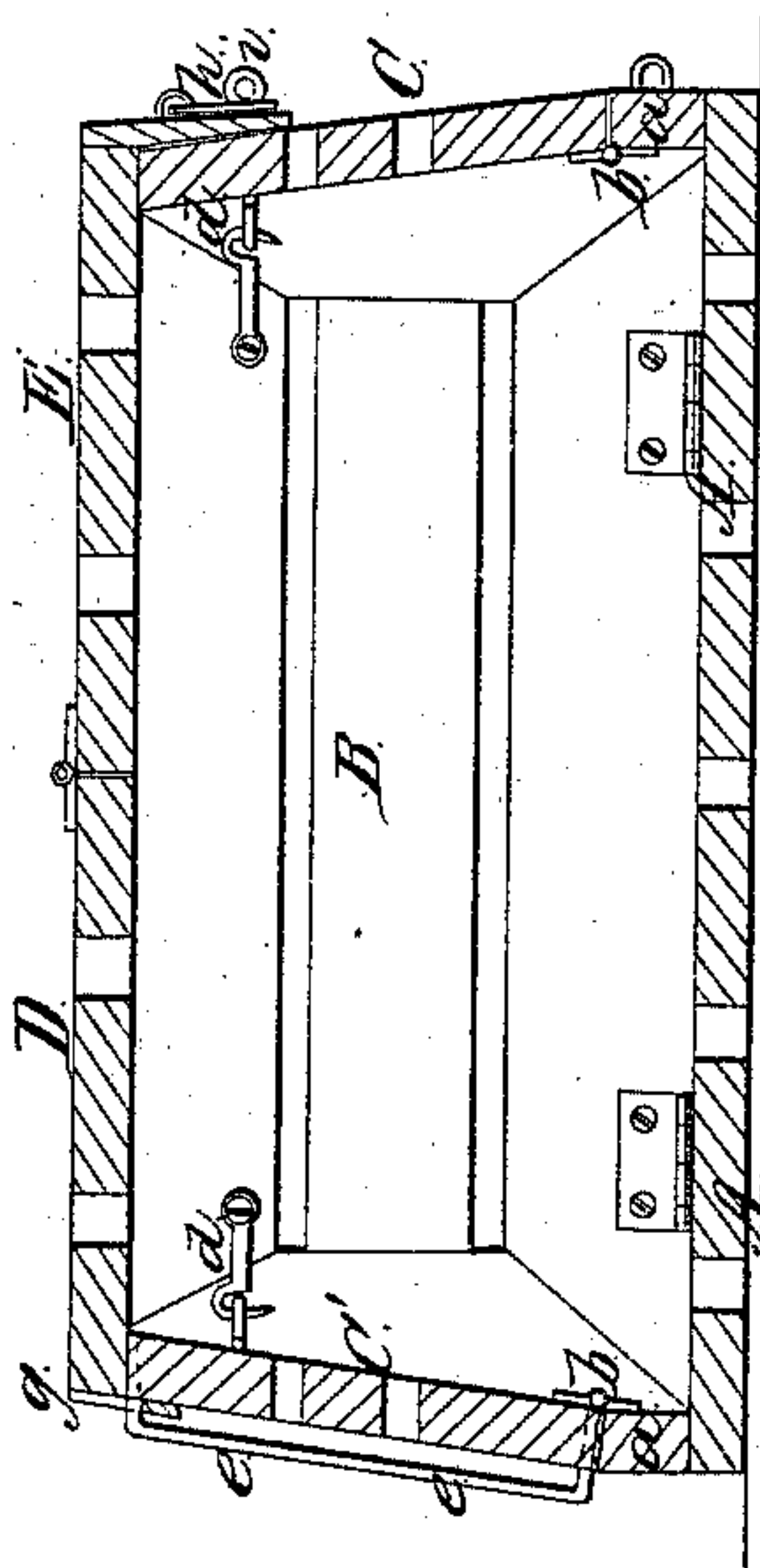
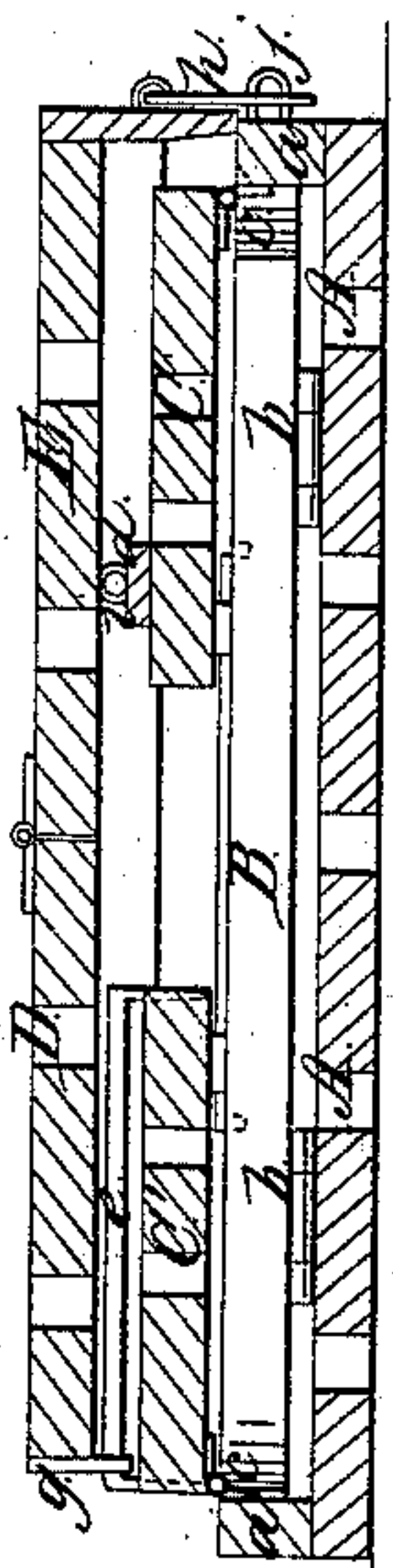


Fig. 3.



Witnesses.

Thos. Trusck

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United States Patent Office.

DANIEL B. SPINNING, OF BROOKLYN, NEW YORK.

Letters Patent No. 66,183, dated June 25, 1867.

FRUIT AND POULTRY-BOX.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, DANIEL B. SPINNING, of Brooklyn, Kings county, New York, have invented a new and useful improvement in Fruit and Poultry-Boxes; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 represents a longitudinal vertical section of my improved box when expanded.

Figure 2 is a rear elevation of the same.

Figure 3 is a longitudinal vertical section of the same when folded.

Figure 4 is a vertical cross-section of the same.

Similar letters of reference indicate corresponding parts.

This invention relates to a novel manner of constructing boxes of that kind which are used for transporting fruit, poultry, vegetables, or other articles to market, and which are so arranged that they can be folded together, when to be transported back empty to the farms or places whence they were sent. Although these boxes will be slightly more expensive to construct than those now in use, the reduction of return freight will in a few trips more than twice repay the difference.

The box is made of seven pieces. One bottom, A, two side pieces, B B, two end pieces, C C', and two covering pieces, D and E. All of these pieces may be slotted or perforated, or be made solid, as may be desired. The bottom is provided with upright flanges *a a*, to which the end pieces C C' are hinged, by hinges *b b*. The side pieces B B are hinged directly to the sides of the bottom, by means of hinges *c c*. When the box is expanded the upper parts of the side and end pieces are connected by means of hooks and eyes *d d*, with which they are provided, as is clearly shown in fig. 1. The rear piece C' is provided with two long staples, *e e*, which extend from its upper to its lower edge, or nearly so, and on the sides of which strips *f f* are secured to the outside of C', so that the said staples are apparently arranged in grooves, as shown in fig. 2. The cover consists of two pieces, the rear piece D, and the front piece E, which are connected by hinges, and which are provided with flanges, which overlap the front and the sides of the box. To the rear edge of the piece D are secured two slotted plates, *g g*, which are clearly shown in fig. 2, and through the slots of which the staples *e e* are fitted. These parts and *g* do thus form the hinge and connection between the cover and the back piece C'. From the front of the plate E is suspended a plate, *h*, which fits over a staple, *i*, on the front board C, so that the box can be locked, by passing the shackle of a padlock through the staple *i*. When to be folded the cover is first folded together, and is then turned up and moved down on the staples *e e*. The hooks and eyes *d d* are then opened, and then the side pieces B B are folded down upon the bottom A, as shown in fig. 4. Then the end pieces C C' are folded upon the side pieces, (see fig. 3,) and finally the cover is opened and laid over the whole, as is clearly shown in fig. 3. A staple, *j*, in the front flange *a*, permits, in connection with the staple *h*, the locking of the box, even in this position. Handles are provided on the sides of the pieces B B, as shown.

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

1. The manner of connecting the cover to the back C' of the box, by means of staples *e e* and slotted plates *g g*, substantially as herein shown and described.

2. A folding-box, when made of the pieces A, B B, C C', D, and E, all being made, hinged, connected, and fastened substantially in the manner herein shown and described.

DANIEL B. SPINNING.

Witnesses:

WM. F. McNAMARA,
ALEX. F. ROBERTS.