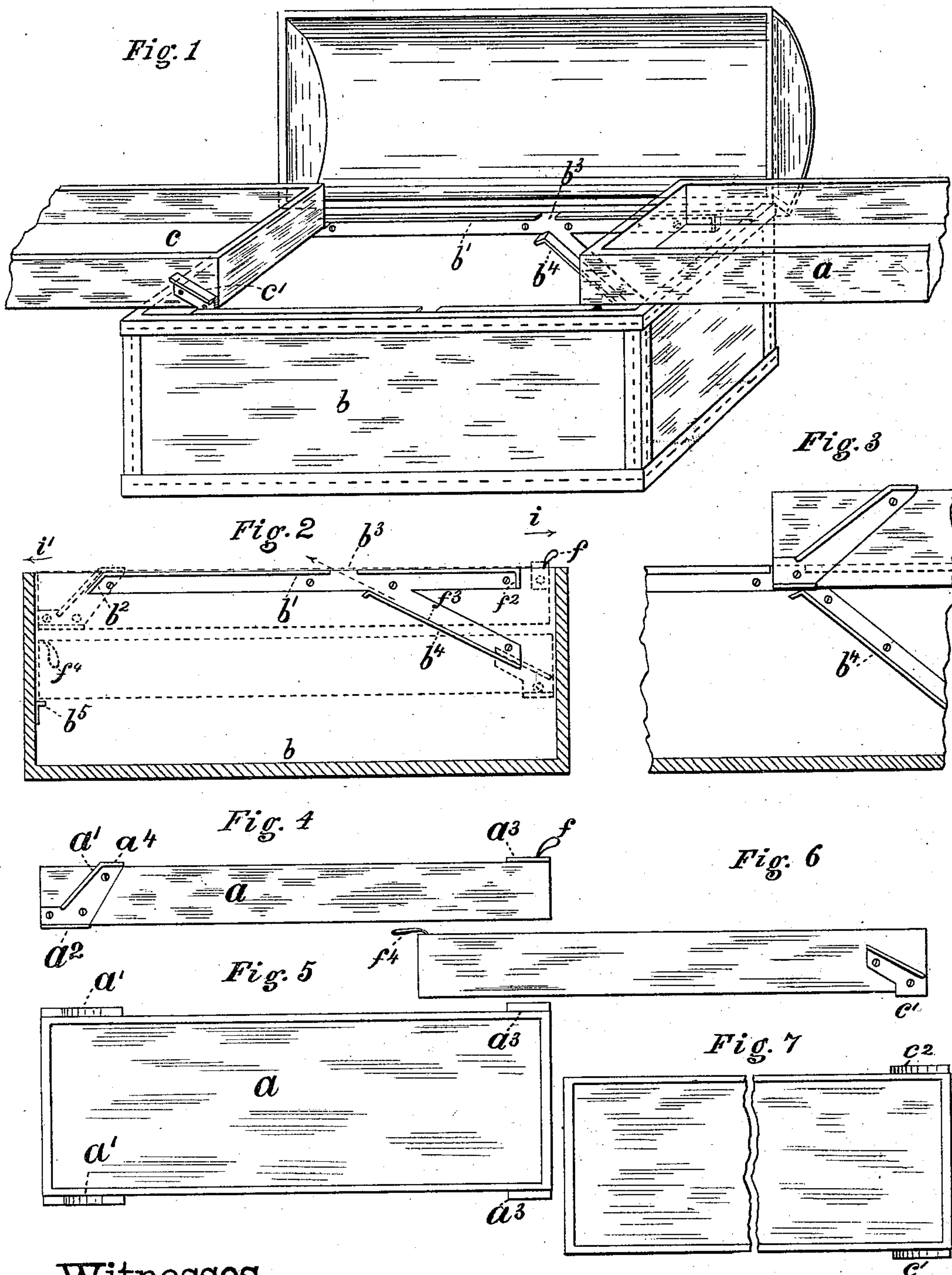


(No Model.)

F. H. RANSOM.
TRUNK.

No. 316,176.

Patented Apr. 21, 1885.



Witnesses.

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Att.

UNITED STATES PATENT OFFICE.

FRANK H. RANSOM, OF BUFFALO, NEW YORK.

TRUNK.

SPECIFICATION forming part of Letters Patent No. 316,176, dated April 21, 1885.

Application filed September 10, 1884. (No model.)

To all whom it may concern:

Be it known that I, FRANK H. RANSOM, a citizen of the United States, residing in Buffalo, in the county of Erie and State of New York, have invented certain new and useful Improvements in Trunks, of which the following is a specification.

This invention relates to certain improvements in that kind or style of trunks for which I have obtained Letters Patent Nos. 241,565 and 295,808; and it consists in a novel construction of the ways and the connections of the trays by which they are operated, all of which will be fully and clearly hereinafter shown by reference to the accompanying drawings, in which—

Figure 1 is a perspective view of a trunk, showing my improvements connected thereto. Fig. 2 is a vertical longitudinal section through the body of the trunk. Fig. 3 is a sectional elevation of an enlarged portion of the body of a trunk, showing also a portion of the upper tray. Fig. 4 is a side elevation of the upper tray. Fig. 5 is a top view of the same. Fig. 6 represents a side elevation of the lower tray, and Fig. 7 is a top view of the same.

In said drawings, *b* is the body of the trunk. It is made in the usual way and is provided with the flanges or ways *b'*, arranged on each side of the interior and rigidly secured thereto. At one end of each of the ways is an inclined portion, *b²*, and towards the opposite end (see Figs. 1 and 2) both ways are provided with an opening, *b³*, and an inclined portion, *b⁴*.

b⁵ is a small projecting piece upon which one end of the lower tray rests when in place.

The upper tray, *a*, is provided with the sliding pieces *a'*, *a²*, and *a³*. The horizontal portion *a⁴* of the angular sliding pieces or flanges *a'*, supports that end of the tray when down in place, and the horizontal piece or flange *a³* supports the other end, in which case both of these parts rest on the horizontal flanges or ways *b'* within the body of the trunk, of which there are two—one on each side.

c represents the lower tray. It is provided with inclined projecting flanges *c'* *c²* at one end. These flanges are rigidly secured to the trays by screws, rivets, or in any well known way.

The operation of the invention is as follows:

By taking hold of the strap *f* (see Fig. 2) and drawing the tray *a* in the direction of the arrow *i*, the inclined flanges *a'* will move against the inclined end of the ways and cause the tray to rise up, and by moving it forward until the lower portion of the flange *a²* comes against the stop *f²* of the ways, the tray will be out and will be supported in the position shown in Fig. 1. It will be noticed that the part *a²*, while the tray is being drawn out, slides over the top *f³* of the inclined ways *b⁴*, and thereby prevents the lower end of the inclined ways *a'* on the tray from catching into it while drawing the tray in or out. This feature is shown in Fig. 3. The lower tray is moved out by taking the strap *f⁴* (see Figs. 2 and 6) and lifting the end up and then drawing it in the direction of the arrow *i'*. The inclined ways or flanges *c'* *c²* then slide up the inclined ways *b⁴*, through the openings *b³*. It then slides along the ways *b'* until stopped by the inclined ends *b²*, which brings the tray into the position shown in Fig. 1. The trays drop into their places by reversing the movements.

I claim—

1. A trunk or box provided with horizontal ways in combination with a tray having inclined flanges or ways *a'* and horizontal ways or flanges *a²* *a³*, substantially as and for the purposes described.

2. In a trunk having a rest or support, *b⁵*, the combination of the ways *b'*, having openings *b³*, and inclined ways *b⁴*, with a tray provided with inclined flanges or ways *c'* *c²*, as and for the purposes described.

FRANK H. RANSOM.

Witnesses:

J. M. CALDWELL,
JAMES SANGSTER.