

No. 696,182.

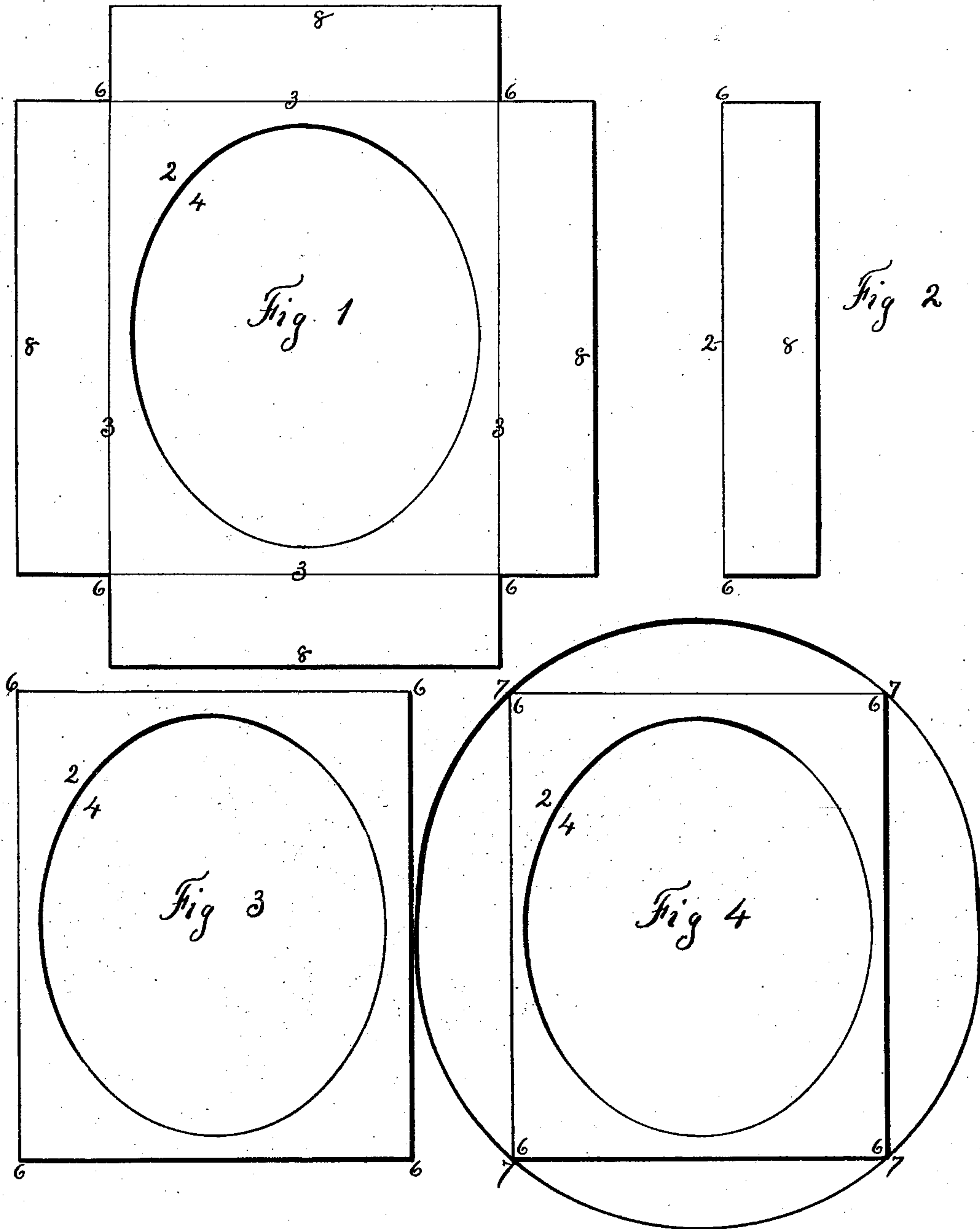
Patented Mar. 25, 1902.

S. MUNDHEIM.
BANDBOX STAY.

(Application filed Oct. 30, 1901.)

(No Model.)

2 Sheets—Sheet 1.



WITNESSES

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2 Sheets—Sheet 2.

Fig 5

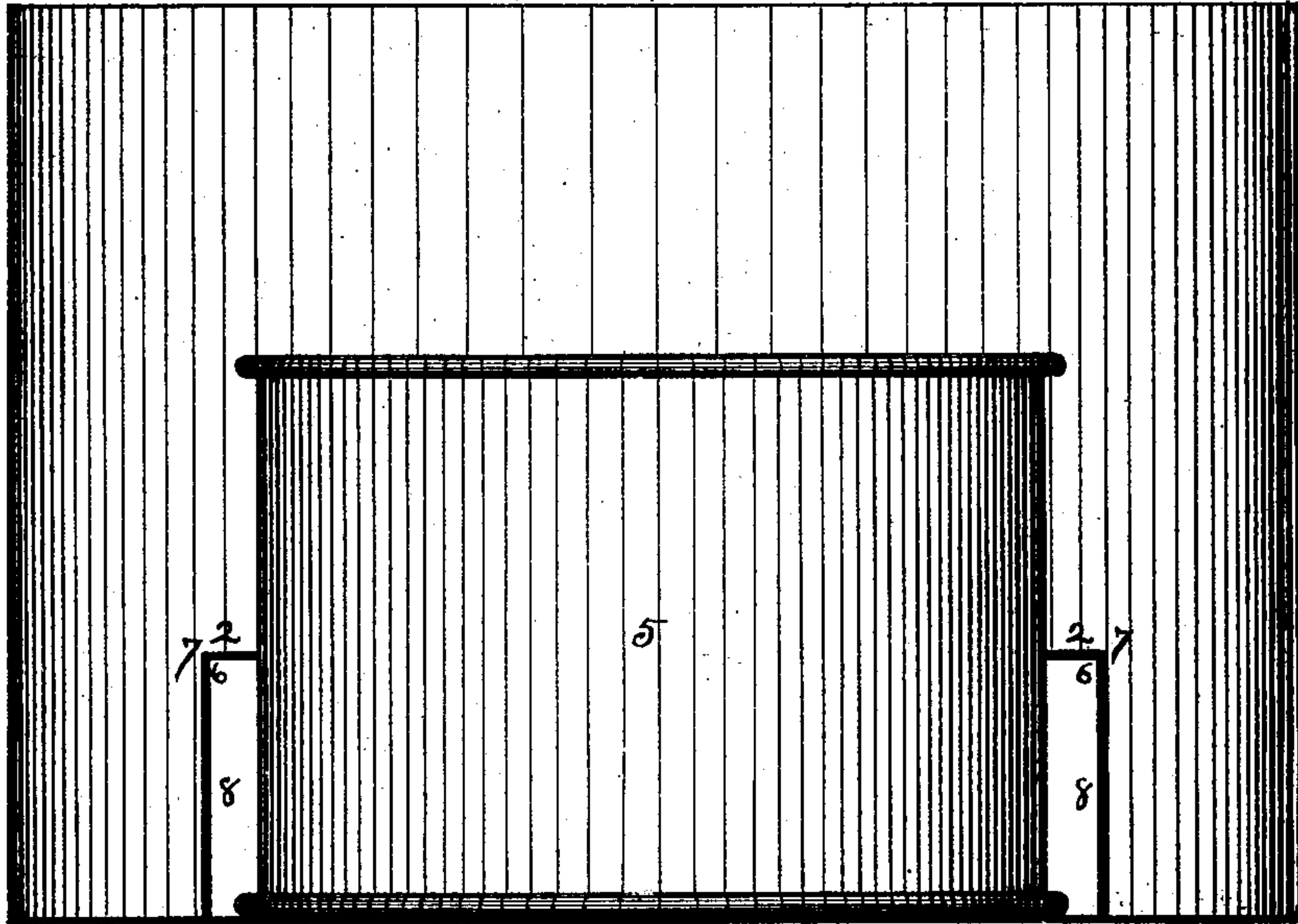
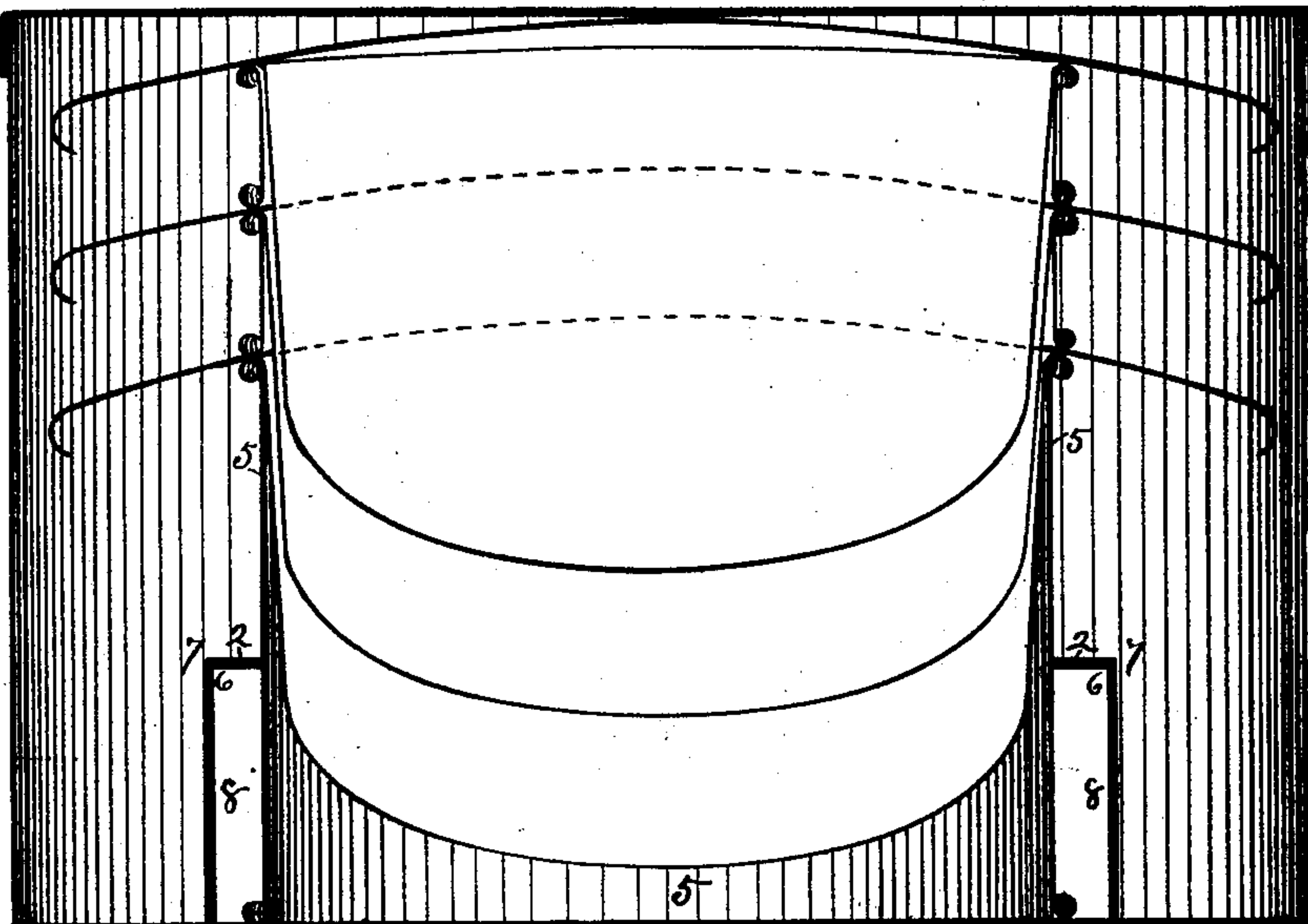


Fig 6



WITNESSES

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UNITED STATES PATENT OFFICE.

SAMUEL MUNDHEIM, OF FALL RIVER, MASSACHUSETTS.

BANDBOX-STAY.

SPECIFICATION forming part of Letters Patent No. 696,182, dated March 25, 1902.

Application filed October 30, 1901. Serial No. 80,542. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL MUNDHEIM, a citizen of the United States, residing at Fall River, in the county of Bristol and State of Massachusetts, have invented a new and useful Improvement in Bandbox-Stays, of which the following is a specification.

Hats as now generally packed in bandboxes have a series of pasteboard rings protecting the crowns and staying each hat from its neighbor; but these rings are commonly placed loosely in the box, and the whole mass is at liberty to sway from side to side of the box when it is roughly handled, as in transportation, thus disfiguring the hat-brims. Various kinds of substays have been used for confining the stay-rings centrally in the bandbox; but as they must fit horizontally between the box and the stay-rings and also be supported vertically in position they are commonly made up of a number of pieces either placed separately or glued together, all more or less complicated and expensive to manufacture and place.

My invention consists in making this class of substay out of a single piece of pasteboard in a simple, cheap, and effective manner, requiring no after-work.

In the accompanying drawings like letters of reference refer to like parts.

Figure 1 shows the single flat piece of pasteboard used. Fig. 2 is an edge view folded. Fig. 3 is a plan view folded. Fig. 4 is a plan view of the substay fitted in the bandbox. Fig. 5 is a vertical half-section of the bandbox and substay inclosing the stay-ring. Fig. 6 is a vertical half-section of the bandbox, showing substay, stay-rings, and hats in position as packed.

To manufacture the substay, a flat piece of pasteboard 2 or equivalent material is stamped or cut out, as in Fig. 1, having rectangular folding-lines 3 scored in it, as shown.

The central perforation 4 is made to receive the stay-ring 5 and to hold it securely. The meeting-points 6 of the rectangular folding-lines correspond to the shell of the bandbox 7 and bear against it at four points. The side flaps 8 when bent down constitute the vertical supports of the substay and form an oblong box-like foundation, which needs no joint at the corners, as they are securely held together by the round shape of the band-box. The depths of the flaps 8 are regulated to suit the hats to be packed or the depth of the bandbox. All this is clearly shown in Figs. 2, 3, and 4. Figs. 5 and 6 show the method of packing the hats and the manner in which the substay acts to stay the confining-rings centrally in the bandbox.

It would be possible to construct a substay in the style of my invention of separate pieces of pasteboard joined at the corners by paper strips or other means of attachment. Such construction I consider wholly unnecessary, but as coming within the scope of my invention.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

In combination with a bandbox an inside stay consisting of a rectangular piece of pasteboard or the like, centrally apertured, and having its corners touching the curved sides of the box; and provided with a flap upon each edge of the piece bent down to form rests or supports substantially as described and shown.

In testimony whereof I have signed my name to this specification, in the presence of two subscribing witnesses, this 26th day of October, 1901.

SAMUEL MUNDHEIM.

Witnesses:

FREDERICK KELLER,
GEO. H. MAHLER.