

No. 866,621.

PATENTED SEPT. 24, 1907.

C. B. CHAMBERS.  
SHIPPING CASE.

APPLICATION FILED APR. 18, 1907.

2 SHEETS—SHEET 1.

FIG. 1.

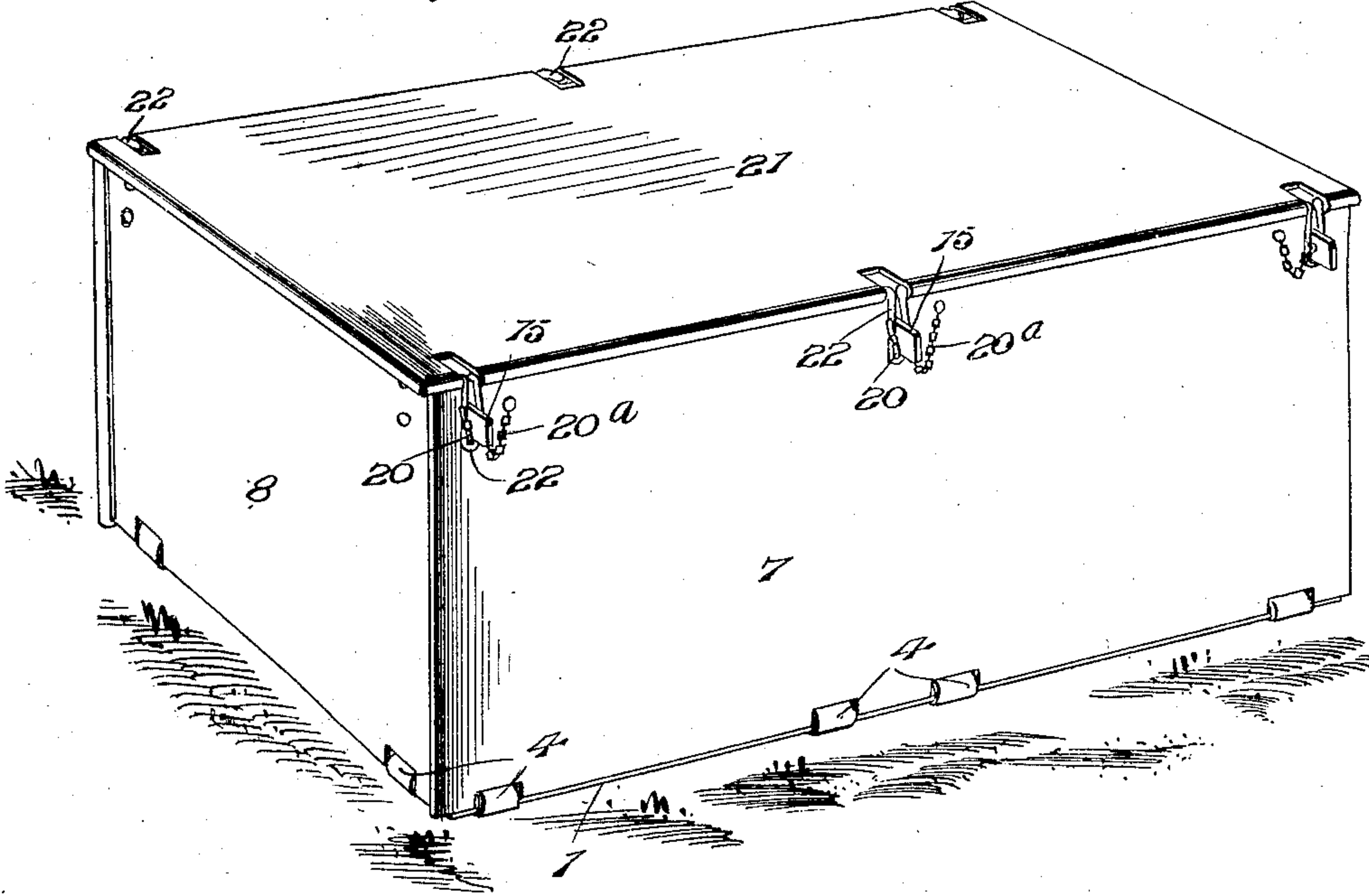
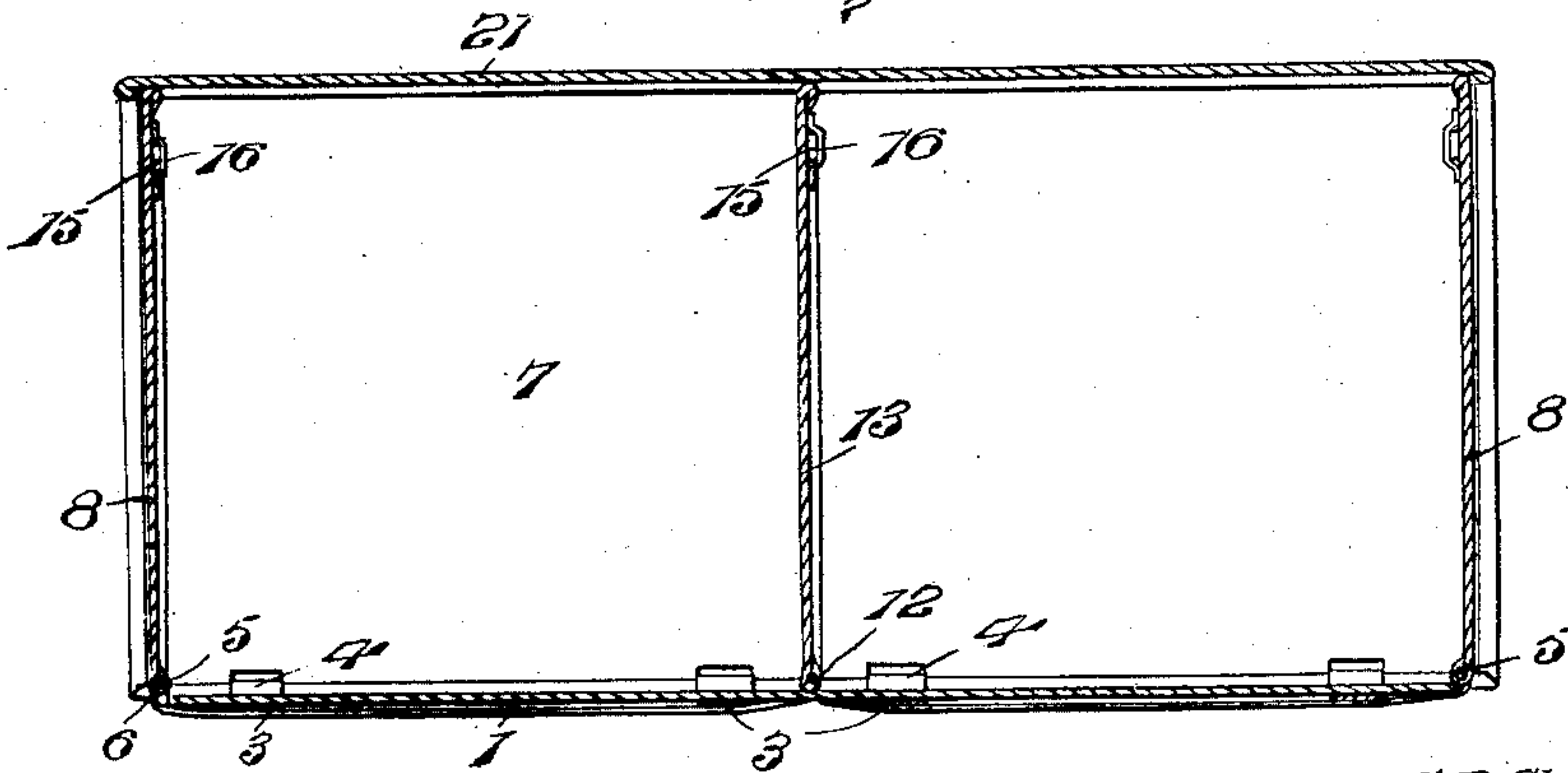


FIG. 2.



Inventor  
C. B. Chambers.

Witnesses

*W. H. Woodman*

By *R. H. M. Lacy*

Attorneys

No. 866,621.

PATENTED SEPT. 24, 1907.

C. B. CHAMBERS.  
SHIPPING CASE.

APPLICATION FILED APR. 18, 1907.

2 SHEETS—SHEET 2.

FIG. 3.

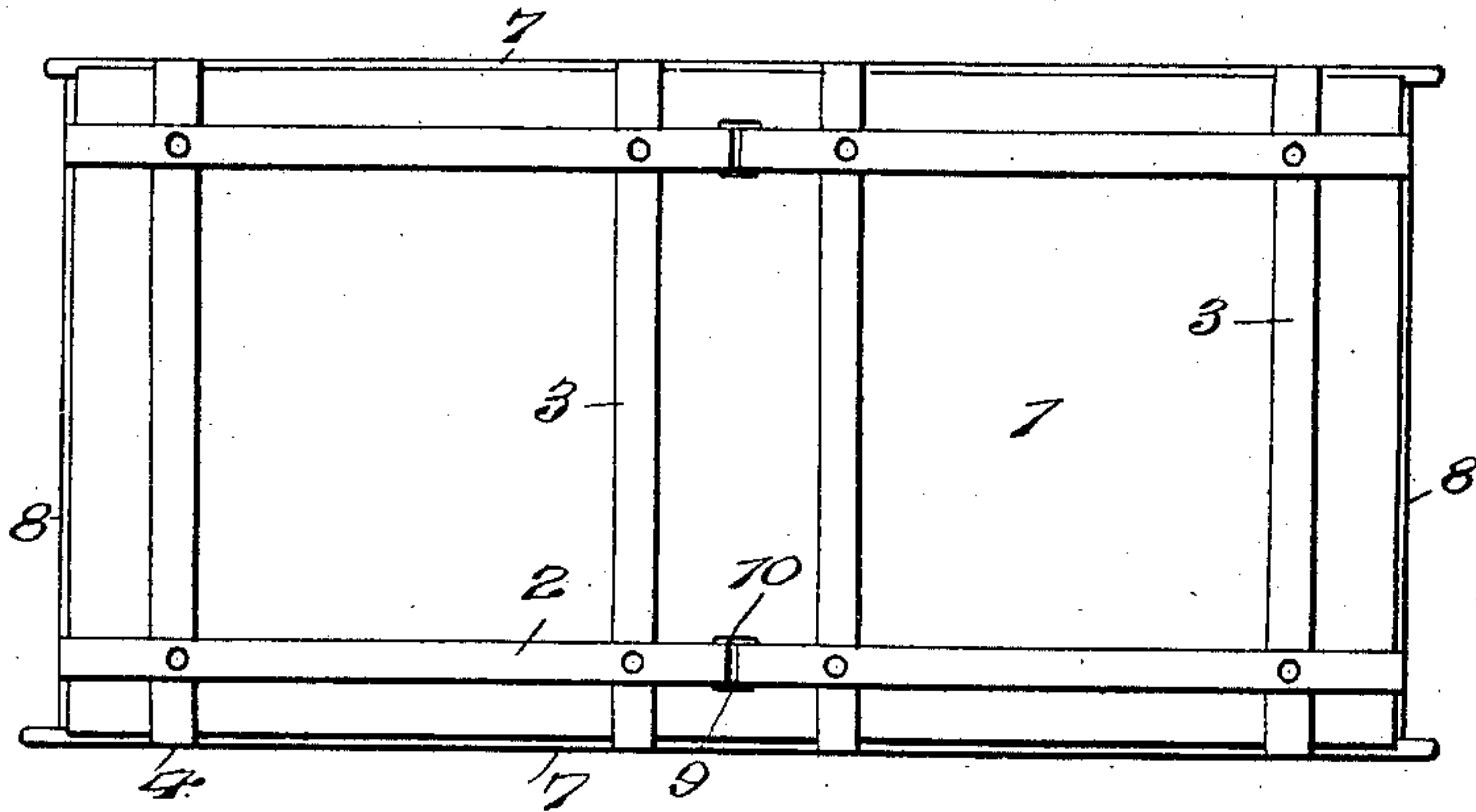


FIG. 4.

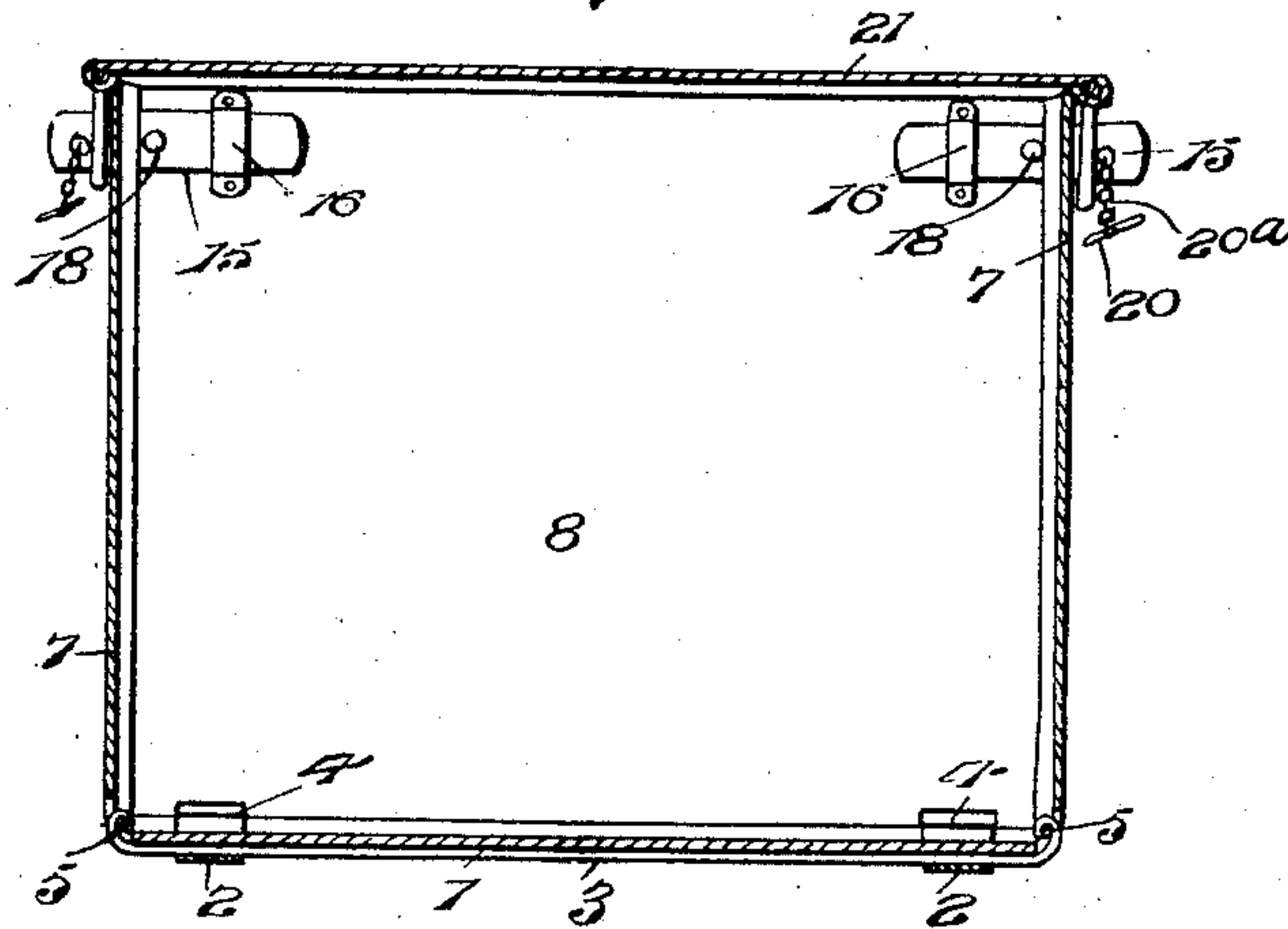
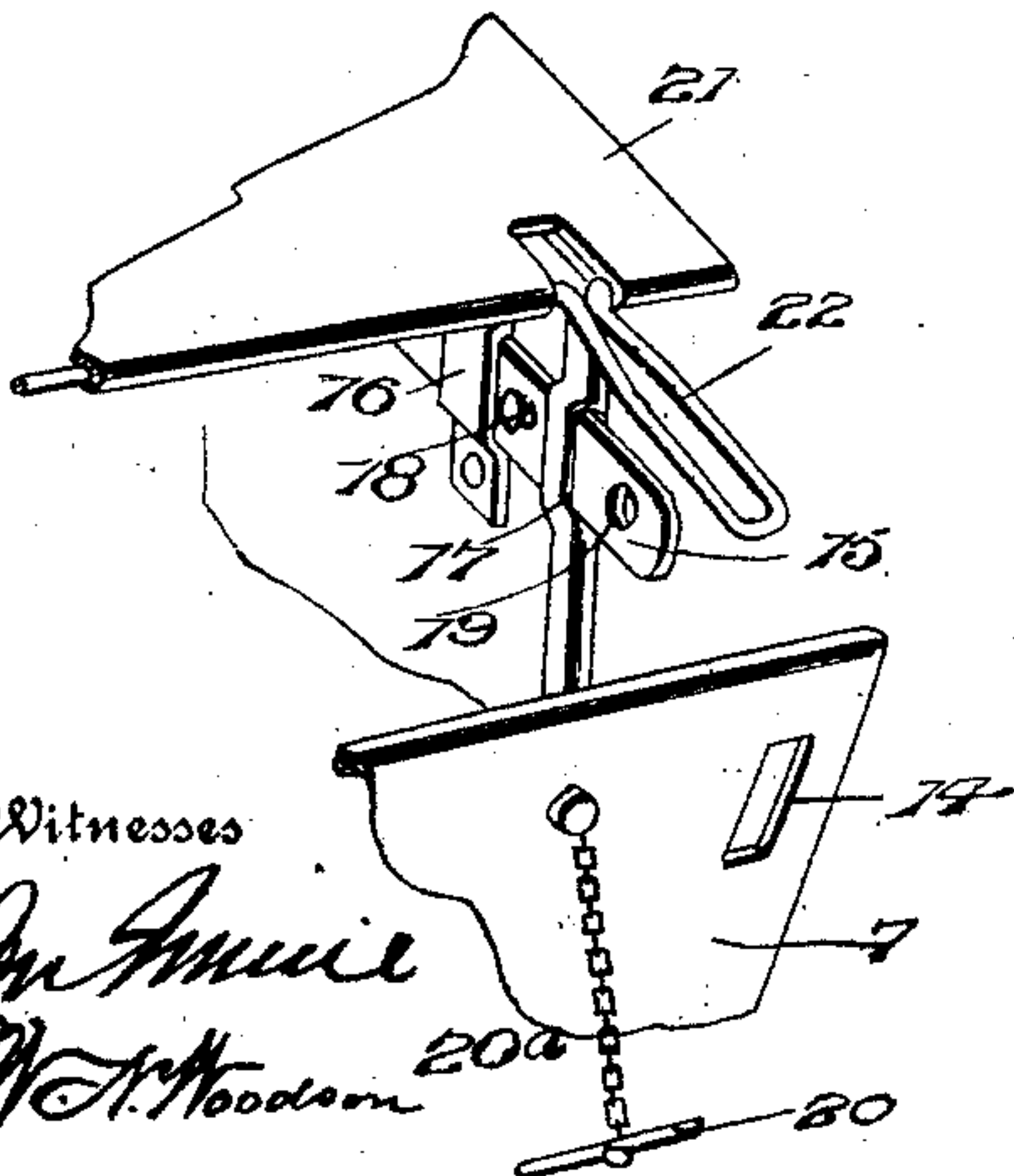


FIG. 5.



Witnesses

*John Smith*  
*W. T. Woodson*

20a

80

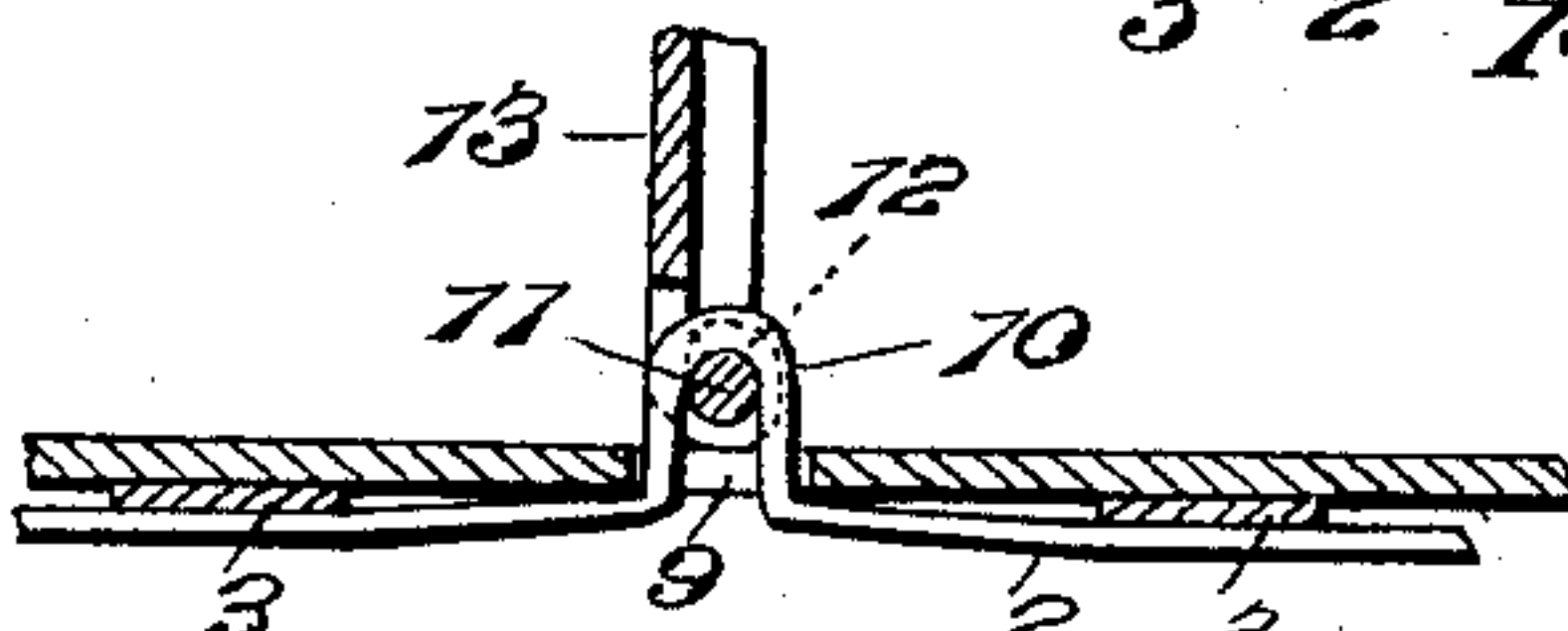
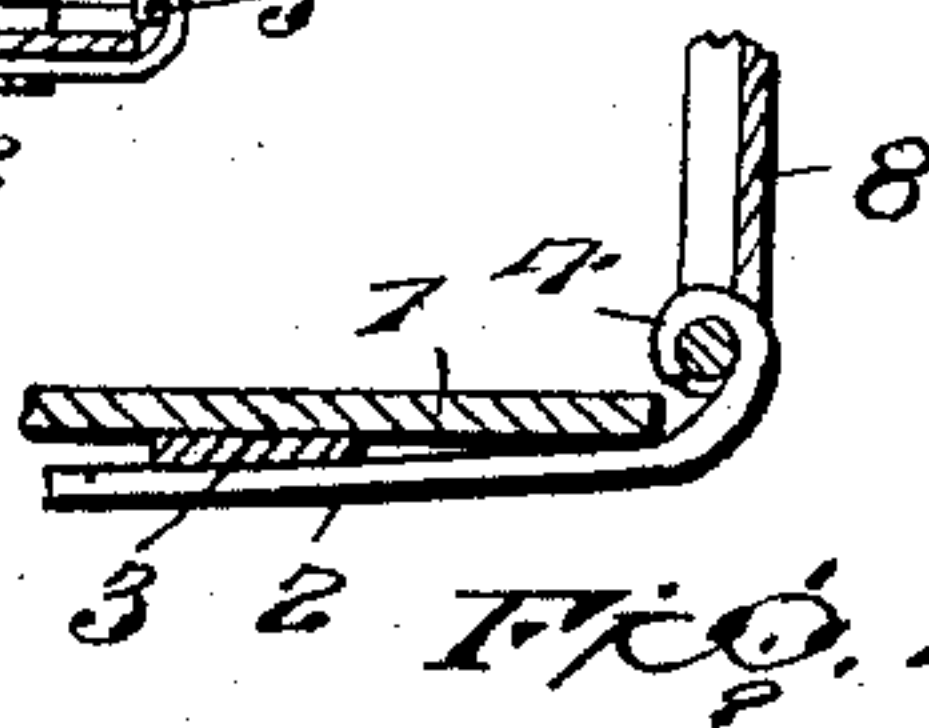


FIG. 6.

Inventor  
C. B. Chambers

By *R. H. A. Lacy*  
Attorneys



# UNITED STATES PATENT OFFICE.

CHARLES B. CHAMBERS, OF MILO, MISSOURI.

## SHIPPING-CASE.

No. 866,621.

Specification of Letters Patent.

Patented Sept. 24, 1907.

Application filed April 18, 1907. Serial No. 368,917.

*To all whom it may concern:*

Be it known that I, CHARLES B. CHAMBERS, a citizen of the United States, residing at Milo, in the county of Vernon and State of Missouri, have invented certain new and useful Improvements in Shipping-Cases, of which the following is a specification.

This invention contemplates certain new and useful improvements in shipping crates or cases, and the invention has for its object a simple, durable and efficient construction of knock-down crate or case, designed for the storage of eggs or other articles during transportation, and so arranged that after the goods have been delivered, the case may be sent back to the shipper in a flat or knock-down condition so that the lowest freight rates may be secured.

With this and other objects in view as will more fully appear as the description proceeds, the invention consists in certain constructions and arrangements of the parts that I shall hereinafter fully describe and then point out the novel features in the appended claims:

For a full understanding of the invention and the merits thereof and also to acquire a knowledge of the details of construction of the means for effecting the result, reference is to be had to the following description and accompanying drawings, in which:

Figure 1 is a perspective view of my improved case, showing it in set-up condition; Fig. 2 is a longitudinal sectional view thereof; Fig. 3 is a bottom plan view; Fig. 4 is a transverse sectional view; Fig. 5 is a fragmentary perspective view of one corner of the crate or case, the parts being separated from each other; Fig. 6 is a detail sectional view illustrating the means for hinging the partition to the bottom of the crate; and, Fig. 7 is a detail sectional view illustrating the ends hinged to the bottom.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

All of the parts of my improved crate or case are preferably formed of sheet metal. The bottom 1 is provided with longitudinal strengthening or reinforcing straps 2 and cross straps 3 riveted thereto, and the ends of said straps are turned upwardly over the edge of the bottom and are doubled upon themselves to form hinge loops 4. The said loops 4 have pintle rods 5 extending through them, said rods being retained in the curled over edges 6 of the two sides 7 and two ends 8 of the case. The bottom 1 is provided with slots 9 at an intermediate point and the longitudinal straps 2 are crimped as indicated at 10. The crimped portions extend upwardly through said slots and receive the pintle rod 11 which is retained in the curled over edge 12 of the partition 13 which is adapted to divide the body of the case into two compartments.

The sides 7 are provided at their free edges with slots 14 designed to receive latches 15 mounted upon the

corners of the two ends 8 and the partition 13. The latches 15 are mounted to slide, and are retained in place by means of straps 16 and slots 17 in the curled over edges of the ends and partition, and each latch is provided with a stud 18 by which it may be moved, and which also serves as a division for limiting the movement of the latch, as it abuts either against the strap 16 or against the curled over edge of the part to which the latch is secured. Each latch is provided at its outer end with an aperture 19 designed to receive a locking pin 20 on the end of the chain 20<sup>a</sup>, so as to secure the latches against retraction after they have been thrust through the slots 14.

The top or cover 21 of the case is provided at its side edges with loops 22 formed by crimping intermediate portions of rods that are mounted to turn in the curled over edges of the top. These locking loops 22 are adapted to be drawn down over the projecting ends of the latches 15 after the sides have been secured in place, the pins 20 being finally inserted through the apertures 19 of the latches so as to hold all of the parts in set-up position.

From the foregoing description in connection with the accompanying drawings, the operation of setting-up the crate or case of my invention is evident. When the latches are retracted, the middle partition 13 is swung downwardly to lie upon the bottom 1, the ends are then folded over upon the bottom and the sides are then folded one upon the other and both upon the ends, so as to produce a substantially flat structure that may be conveniently handled and sent back to the shipper at a minimum freight rate.

It will thus be seen that I have provided a very simple, durable and efficient construction of case which will be cheap to manufacture, easy to assemble, and easy to set-up and knock-down whenever desired.

Having thus described the invention, what is claimed as new is:

1. A case of the character described, comprising a bottom, ends and sides, reinforcing straps secured to the bottom and provided with projecting ends, the extremities of which are doubled upon themselves to provide hinge loops, the sides and ends being provided with pintle rods received in said loops, the bottom being formed at an intermediate point with slots, and the longitudinal reinforcing straps being crimped intermediate of their ends and extending up through said slots, a partition provided with a pintle rod pivotally connected to the crimped portions of said straps, and means for securing the sides, ends and partition together in set-up position.

2. A case of the character described, comprising a bottom and sides and ends pivotally connected to the edges of the bottom and adapted to fold upon the same, the free edges of the sides being formed with slots, and latches mounted to slide at the corners of the ends and adapted to extend outwardly through the slots and sides, as and for the purpose set forth.

3. A case of the character described, comprising a bottom and sides and ends pivotally connected to the edges of

- the bottom and adapted to fold upon the same, the sides being provided at their free edges with slots, latches mounted to slide in the corners of the ends, the said ends being provided with straps extending over the latches
- 5 and with curled over edges formed with slots into which the outer ends of the latches are adapted to project, each latch being provided with a stud adapted to abut against the strap and against the curled over edge of the end, whereby to limit the movement of the latch.
- 10 4. A case of the character described, comprising bottom and sides and ends pivotally connected to the edges of the bottom and adapted to fold upon the latter, the sides being

formed at their free edges with slots, latches mounted at the corners of the ends and adapted to be slid outwardly through the slots in the sides, and a top provided with 15 pivoted loops adapted to be turned downwardly over the projecting ends of the latches, as and for the purpose set forth.

In testimony whereof I affix my signature in presence of two witnesses.

CHARLES B. CHAMBERS. [L. S.]

Witnesses:

W. H. HALLETT,  
J. J. COX.