

No. 629,235.

Patented July 18, 1899.

J. L. CANALE.
JUG PACKING BOX.

(Application filed May 19, 1899.)

(No Model.)

Fig. 1.

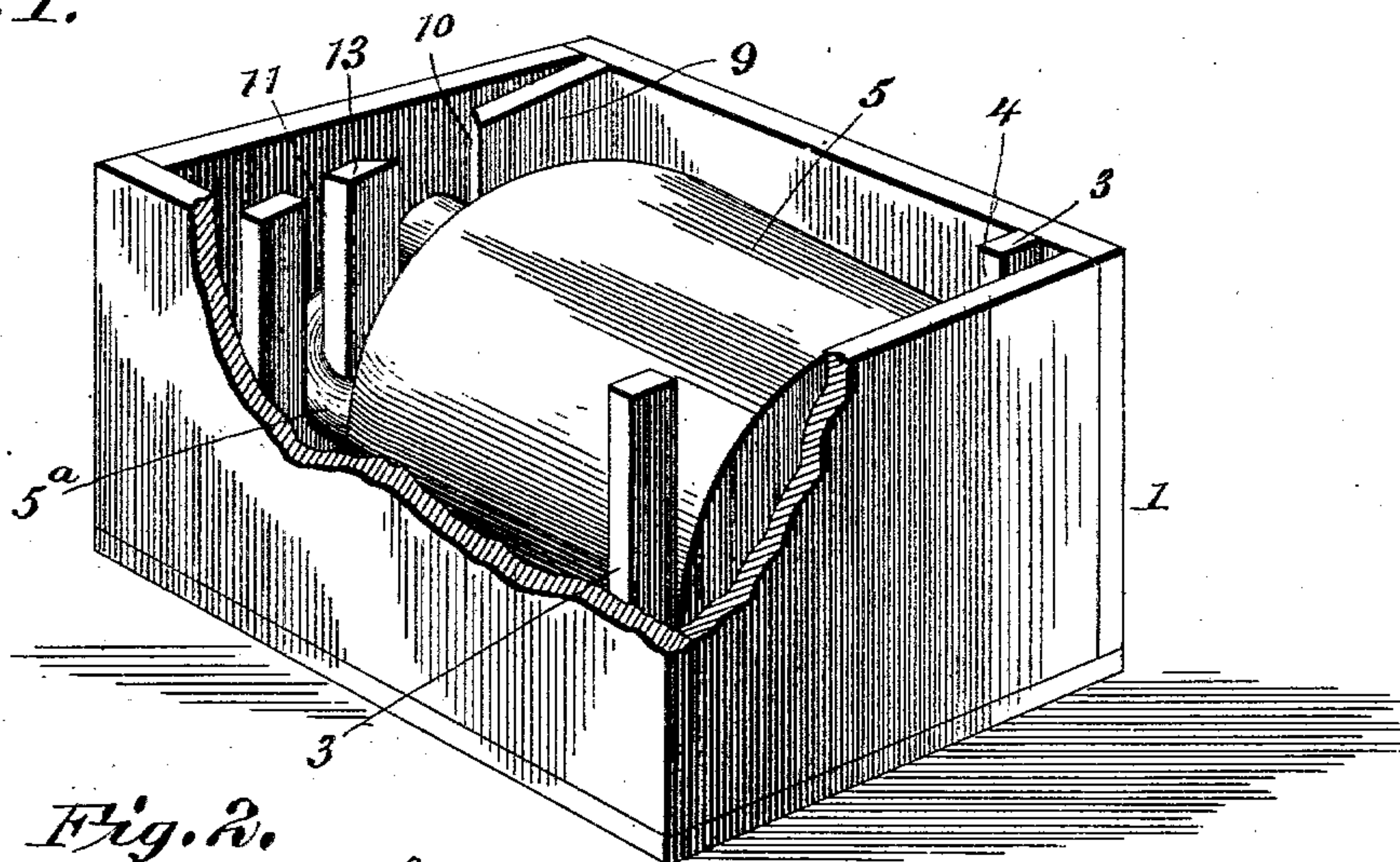


Fig. 2.

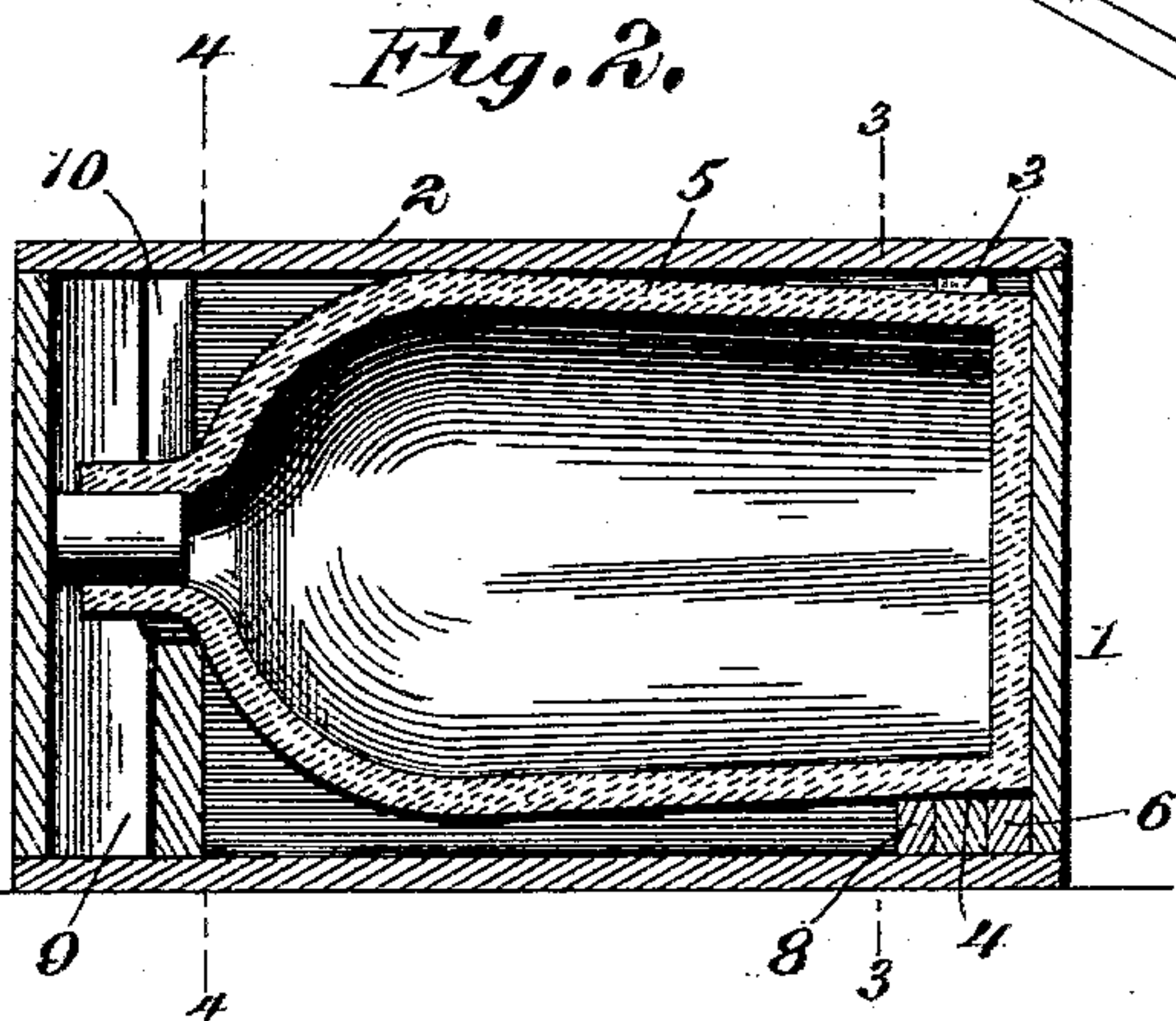


Fig. 3.

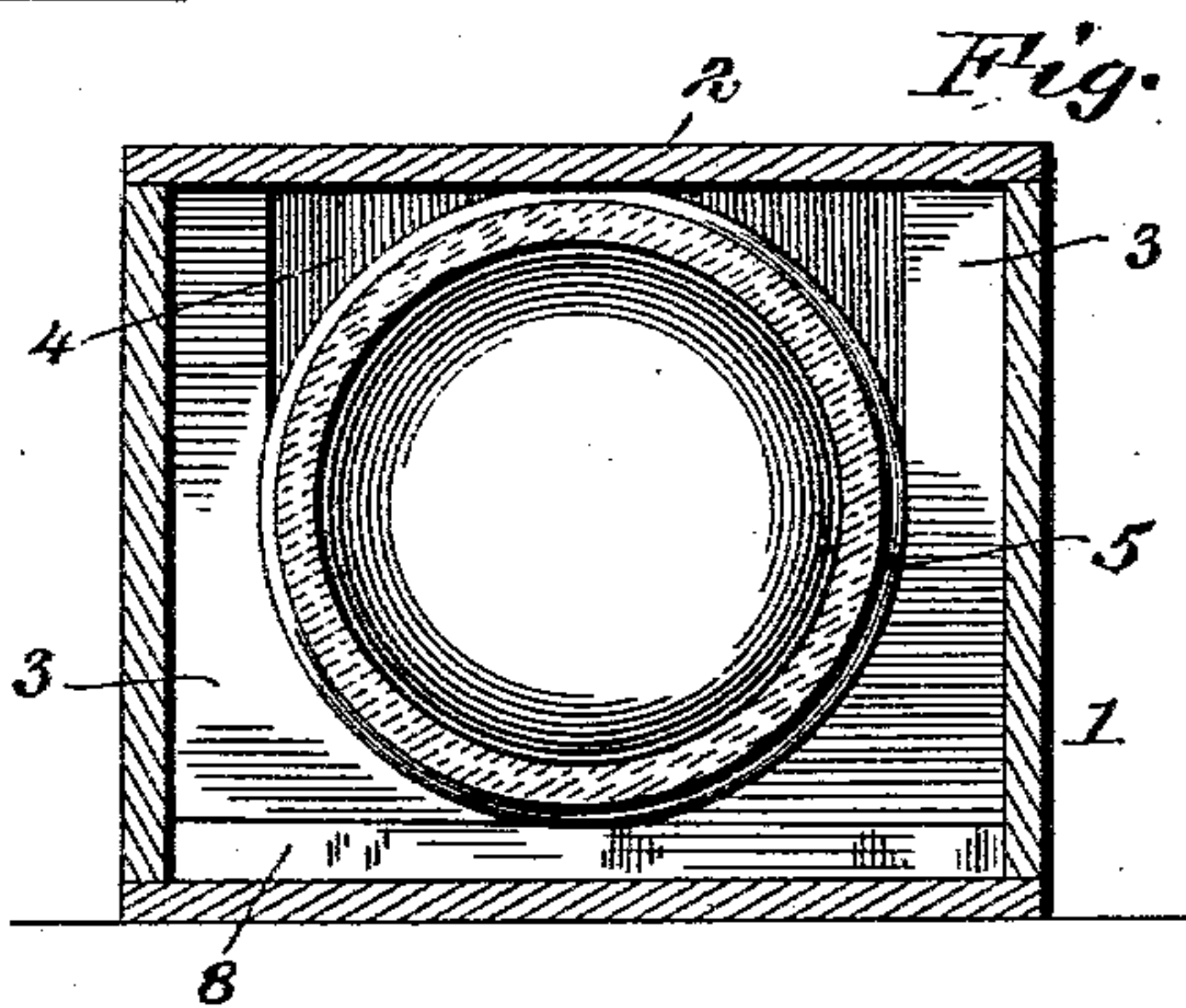


Fig. 4.

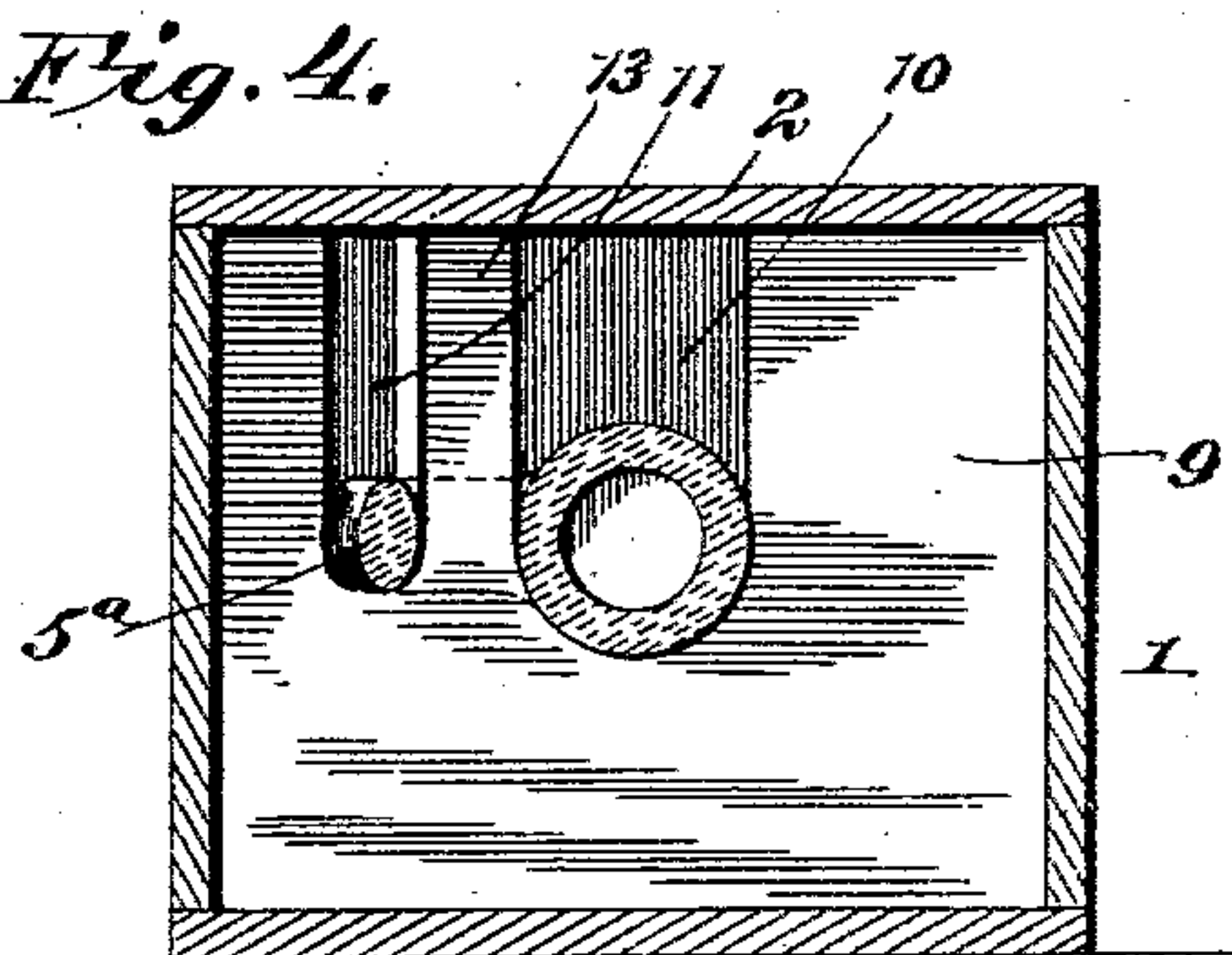
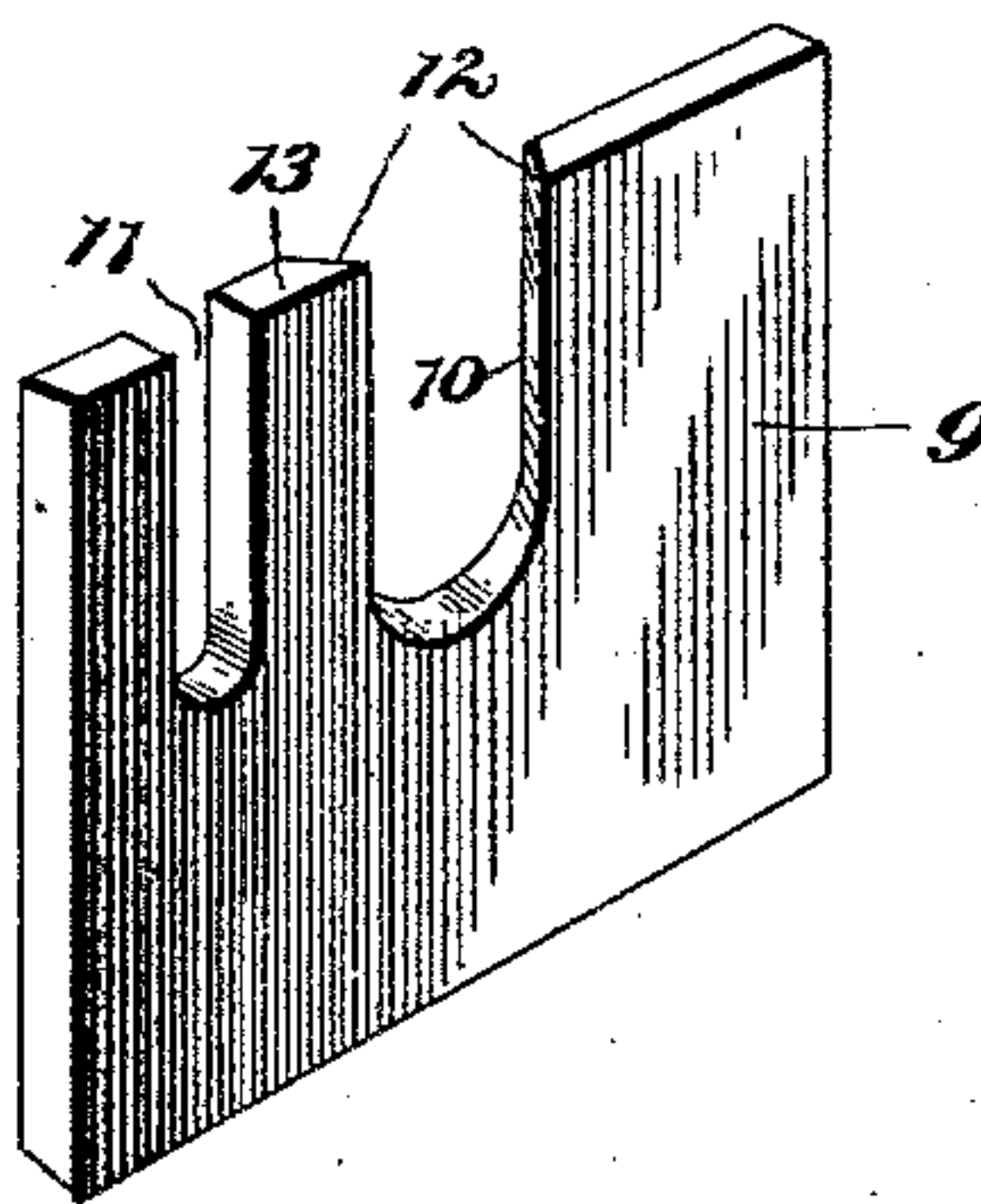


Fig. 5.



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JAMES LAWRENCE CANALE, OF MEMPHIS, TENNESSEE.

JUG-PACKING BOX.

SPECIFICATION forming part of Letters Patent No. 629,235, dated July 18, 1899.

Application filed May 19, 1899. Serial No. 717,434. (No model.)

To all whom it may concern:

Be it known that I, JAMES LAWRENCE CANALE, a citizen of the United States, residing at Memphis, in the county of Shelby and State of Tennessee, have invented a new and useful Jug-Packing Box, of which the following is a specification.

This invention relates to boxes for packing and shipping vessels and more especially to that type of boxes which are employed for packing jugs to prevent breakage thereof during transportation.

To this end the invention primarily contemplates an improved jug-packing box having simple and efficient means for supporting the jug at its strongest points—namely, at the base and neck thereof—and holding the remainder of the same out of contact with the box, thereby reducing the possibility of breakage by rough handling to a minimum, while at the same time providing a small and compact package for the jug.

With this and other objects in view the invention consists in the novel construction, combination, and arrangement of parts hereinafter more fully described, illustrated, and claimed, it being understood that the improvements are susceptible to changes in the form, proportion, size, and minor details of construction without departing from the spirit or sacrificing any of the advantages of the invention.

In the drawings, Figure 1 is a perspective view, partly broken away, of a packing-box for jugs constructed in accordance with this invention. Fig. 2 is a vertical longitudinal sectional view thereof. Fig. 3 is a transverse sectional view on the line 3 3 of Fig. 2. Fig. 4 is a similar view on the line 4 4 of Fig. 2. Fig. 5 is a detail and perspective of the holding-partition which receives the neck and handle portion of the jug.

Corresponding parts are designated by like reference characters in the several figures of the drawings.

Referring particularly to the drawings the numeral 1 designates a wooden box, preferably of a rectangular configuration and adapted to have the open side thereof closed by an ordinary cover 2, which is nailed or otherwise secured in place to the box-body after the jug has been placed therein.

Fitted within the box-body 1, contiguous to one end thereof, is a rest-frame 3, nailed or otherwise fixedly connected to the side portions of the box-body and provided with a substantially U-shaped seat 4, communicating with the open side of the box-body and adapted to receive the circular base portion of the jug 5. The said rest-frame 3 is held spaced a slight distance from the adjacent end of the box-body by means of a spacing-strip 6 and is reinforced at its lower end by means of a transverse brace-strip 8, fitting against the side of the rest-frame opposite the spacing-strip 6, which is interposed between said frame and the contiguous end wall of the box-body. The said U-shaped rest-frame 3 corresponds in width to the depth of the box-body, so that the circular base portion of the jug 5 may lie wholly within the seat 4 of the said frame, and thereby be properly supported at this point.

Arranged within the end portion of the box-body, opposite the rest-frame 3, is a holding-partition 9, which extends obliquely across the body from side to side thereof and is therefore spaced a distance from the contiguous end wall to leave room for the projecting portions of the neck and handle of the jug, as may be plainly seen from the drawings. The said holding-partition 9 is nailed or otherwise fastened to the side walls of the box-body and is provided with a pair of substantially parallel recesses 10 and 11, communicating with the open side of the box-body and forming therebetween a retaining-tongue 13, over which the handle-loop of the jug is placed when the latter is inserted within the box. The recesses 10 and 11 of the holding-partition 9 are also substantially U-shaped, and the side walls of the larger and central recess 10 are beveled, as indicated at 12, so as to properly fit the side portions of the jug-neck, which rests within said recesses.

When the jug is positioned within the box-body, it will be observed that the circular base portion thereof rests within the U-shaped seat of the rest-frame 3, while the short neck of the jug rests within the central recess 10 of the holding-partition 9; also, the handle of the jug lies within the rest 11 of the holding-partition, and the eye of said handle receives therein the retaining-tongue 13, formed

between the two recesses 10 and 11. Said retaining-tongue 13 therefore serves to prevent the jug from material movement in an axial direction. With the jug positioned as described it will be observed that the same is entirely out of contact with the box-body except at its strongest points, where it is supported—namely, at the circular base and neck portions thereof—and when the cover 2 is secured over the open side of the box the jug is firmly retained in engagement with the rest-frame and holding-partition, and is thereby effectually prevented from moving in any direction within the box.

Having thus described the invention, what is claimed is—

1. In a packing-box for jugs, the combination with the box-body, of a rest-frame fitted within one end of the body and adapted to receive therein the base portion of the jug, and a holding-partition fitted within the opposite end of the box-body and provided with a retaining-tongue adapted to receive thereover the handle of the jug, substantially as set forth.

2. In a packing-box for jugs, the combination with the box-body, of a rest-frame fitted

within one end of the box-body and adapted to receive the base portion of the jug, and a holding-partition fitted within the opposite end of the box-body, and provided with a seat or recess for the neck of the jug, and with a retaining-tongue adapted to receive thereover the handle of the jug, substantially as set forth.

3. In a packing-box for jugs, the combination with the box-body, of a rest-frame fitting within one end of the body and provided with a U-shaped seat to receive the circular base portion of the jug, and a holding-partition arranged obliquely within the opposite end of the box-body, said holding-partition being provided with a U-shaped seat or recess for the neck of the jug and with a straight retaining-tongue adapted to receive thereover the handle of the jug, substantially as set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

JAMES LAWRENCE CANALE.

Witnesses:

FRANK VUNKANNON,

JAMES J. QUIGLEY.