

No. 775,491.

PATENTED NOV. 22, 1904.

E. E. & M. B. HOGOBROOM.

BANANA CRATE.

APPLICATION FILED SEPT. 26, 1903.

NO MODEL.

FIG. 1.

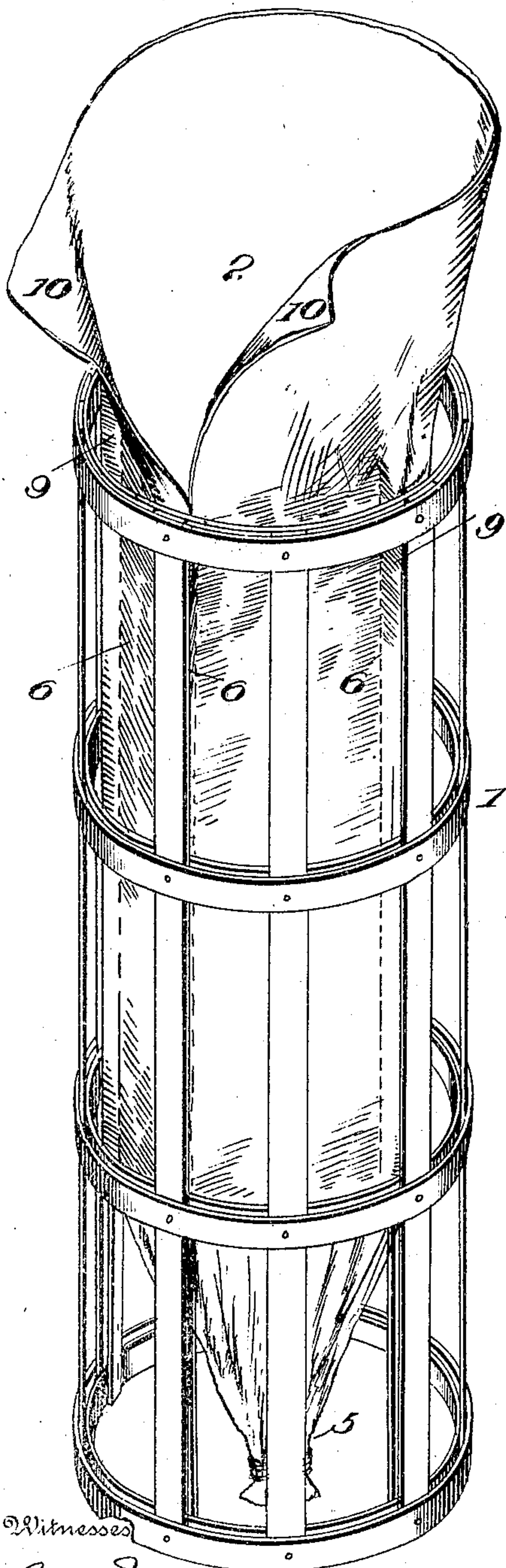


FIG. 2.

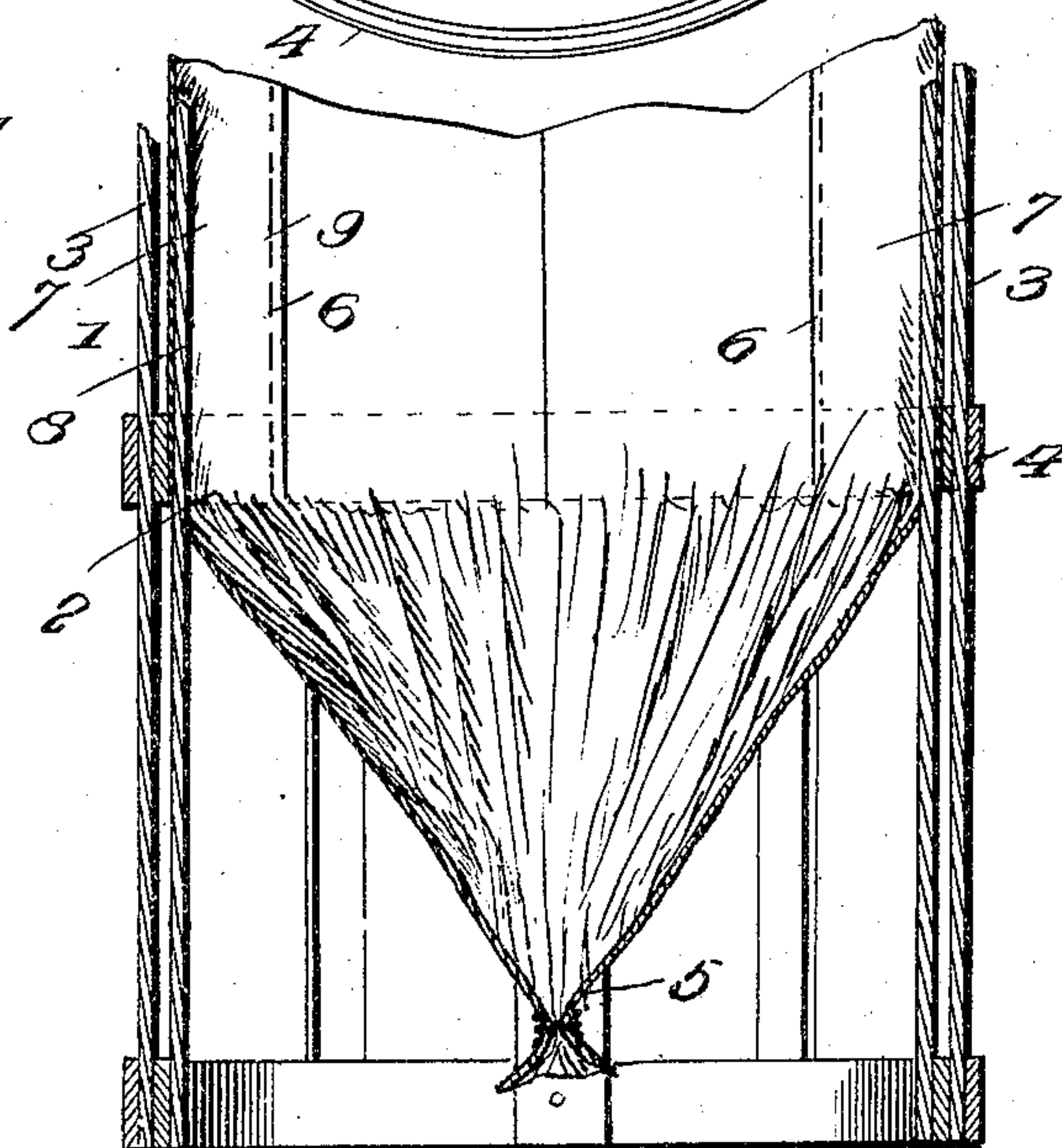
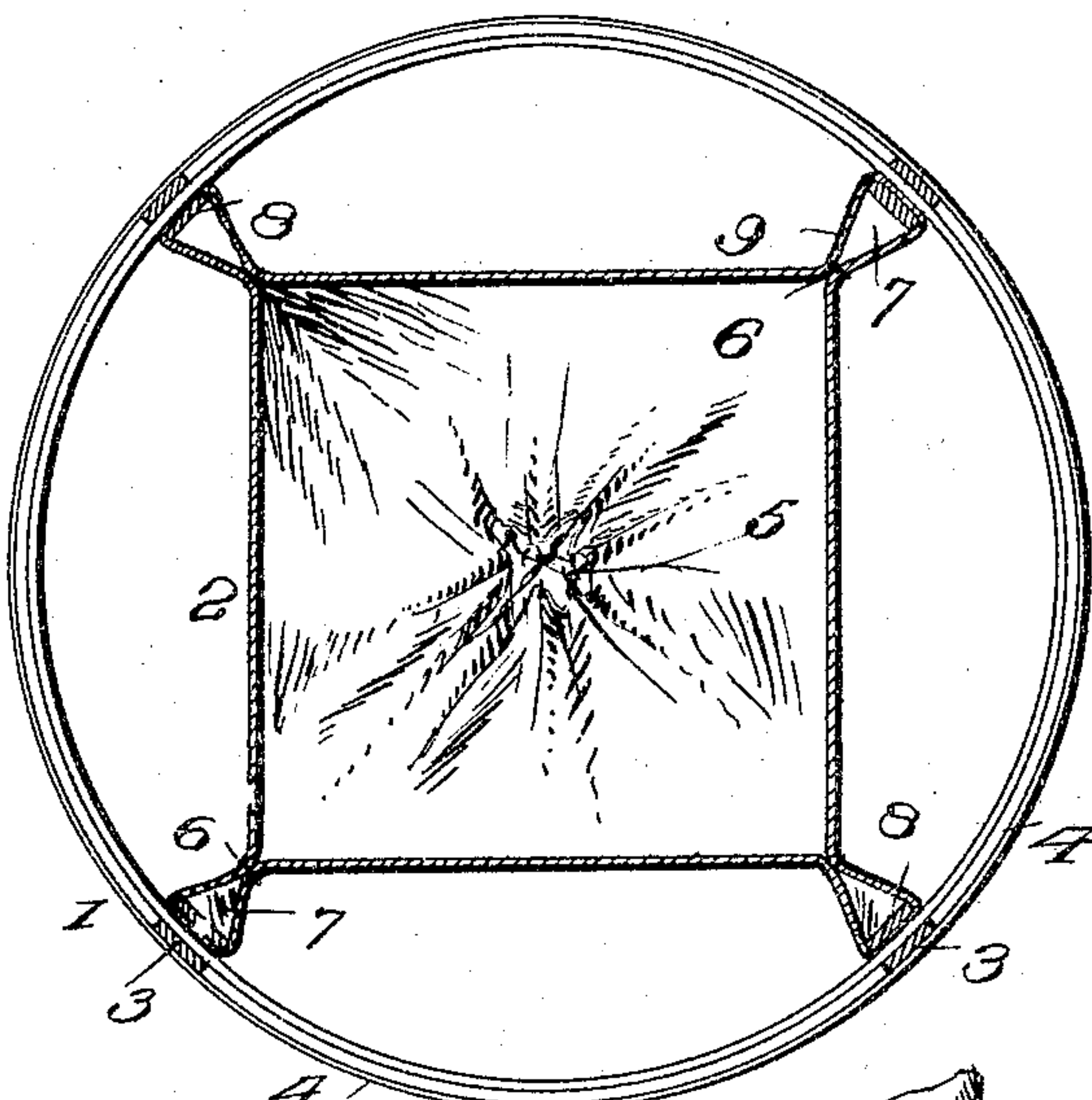


FIG. 3.

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Witnesses

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# UNITED STATES PATENT OFFICE.

ELMER E. HOGOBOOM AND MILO B. HOGOBOOM, OF DE SOTO, WISCONSIN.

## BANANA-CRATE.

SPECIFICATION forming part of Letters Patent No. 775,491, dated November 22, 1904.

Application filed September 26, 1903. Serial No. 174,801. (No model.)

*To all whom it may concern:*

Be it known that we, ELMER E. HOGOBOOM and MILO B. HOGOBOOM, citizens of the United States, residing at De Soto, in the county of Vernon and State of Wisconsin, have invented certain new and useful Improvements in Banana-Crates, of which the following is a specification.

This invention relates to that class of receptacles of the type embodying, in its usual form, a cylindrical crate for suspending therein a bag, usually of burlap, within which the article to be transported in the crate is to be disposed.

The invention is adapted more especially to receive a single bunch of bananas; and the object of the invention is to secure the bag within the crate in such a manner that the same is spaced from the crate structure, so that the bananas cannot jar against the side of the crate and bruise. The manner of securing the bag within the crate effectually accomplishes the above, and, further, affords a cushioning means between the bag and the crate structure which permits movement of the article within the bag to a certain extent, though not allowing any portion thereof to strike against the crate. Various methods have been utilized to secure the bag within the crate so as to secure the above advantages. However, said methods have proved inefficient in many ways, and it is therefore the design of our invention to overcome the disadvantages which have arisen relative to those structures which are in many instances being used at present.

For a full description 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 drawings hereto attached.

While the essential and characteristic features of the invention are susceptible of modification, still the preferred embodiment of the invention is illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of a crate embodying the invention. Fig. 2 is a trans-

verse sectional view through the crate to more clearly show the manner of securing the inner bag thereto. Fig. 3 is a partial vertical sectional view through the lower portion of the crate.

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.

The invention is composed of two essential parts, consisting of the crate 1 and the bag 2, suspended within the crate and protected thereby. The crate 1 is preferably of cylindrical form, this being the usual construction utilized for the purpose for which the article is generally used. The crate consists of the longitudinal bars or slats 3, spaced from each other and held together by means of hoops 4. The bag 2 is disposed within the crate and permanently closed at its lowermost end, as shown at 5. To secure the bag to the crate, the same is provided with a plurality of longitudinally-stitched portions 6, which form longitudinal pockets 7. The pockets 7 receive longitudinal bars or slats 8, which are secured to corresponding bars or slats 3 of the crate by fastening means passed through the corresponding slats. It will thus be seen that longitudinal portions of the pockets 7 are clamped between the corresponding slats 3 and 8 and firmly secured in such position, thereby forming webs 9 between the body of the bag 2 and the crate 1. The webs 9 being composed of the material from which the bag is made are of course flexible, and thereby serve as cushioning means between the crate and the bag, as well as securing means for suspending the bag within the crate. Further, the webs are of integral formation relative to the bag 2, obviating the use entirely of strings or like fastenings which have ordinarily been employed to suspend the bag within the crate spaced therefrom.

In providing the webs 9 it will be readily noted that the means for securing the bag to the crate is necessarily adapted for use as long as the bag itself may be used, this being, of course, a desirable feature of the invention. It will be understood that stitches or equiva-

lent means may be employed to secure the portions 6 together within the contemplation of the invention.

5 The upper end of the bag is slitted to provide closing-flaps 10, the said flaps being adapted to be thrown open in such a manner as to provide a flared receiving end, this facilitating the introduction of the bunch of bananas within the bag in a manner which  
10 will be obvious.

The article is comparatively simple in structure and may be quickly and cheaply manufactured.

15 The slats or bars 8 pass through openings in the lower portions of the bag to permit bunching of the lower end in the formation of the closure at this point.

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

20 1. In combination with a crate, a bag suspended therein and provided with longitudi-

nal stitched portions forming webs, stiffener-bars applied to the webs and secured to the crate-bars adjacent thereto for securing the webs to the crate with the body of the bag 25 spaced therefrom.

2. In combination with a crate, a bag suspended therein and provided with longitudinal stitched portions forming pockets, the sides of the said pockets constituting webs, 30 longitudinal stiffener-bars received within the aforesaid pockets, and securing means passed through the said stiffener-bars adjacent the crate-bars to secure the pocket portions of the bag to the crate. 35

In testimony whereof we affix our signatures in presence of two witnesses.

ELMER E. HOGOBOOM. [L. S.]

MILO B. HOGOBOOM. [L. S.]

Witnesses:

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