

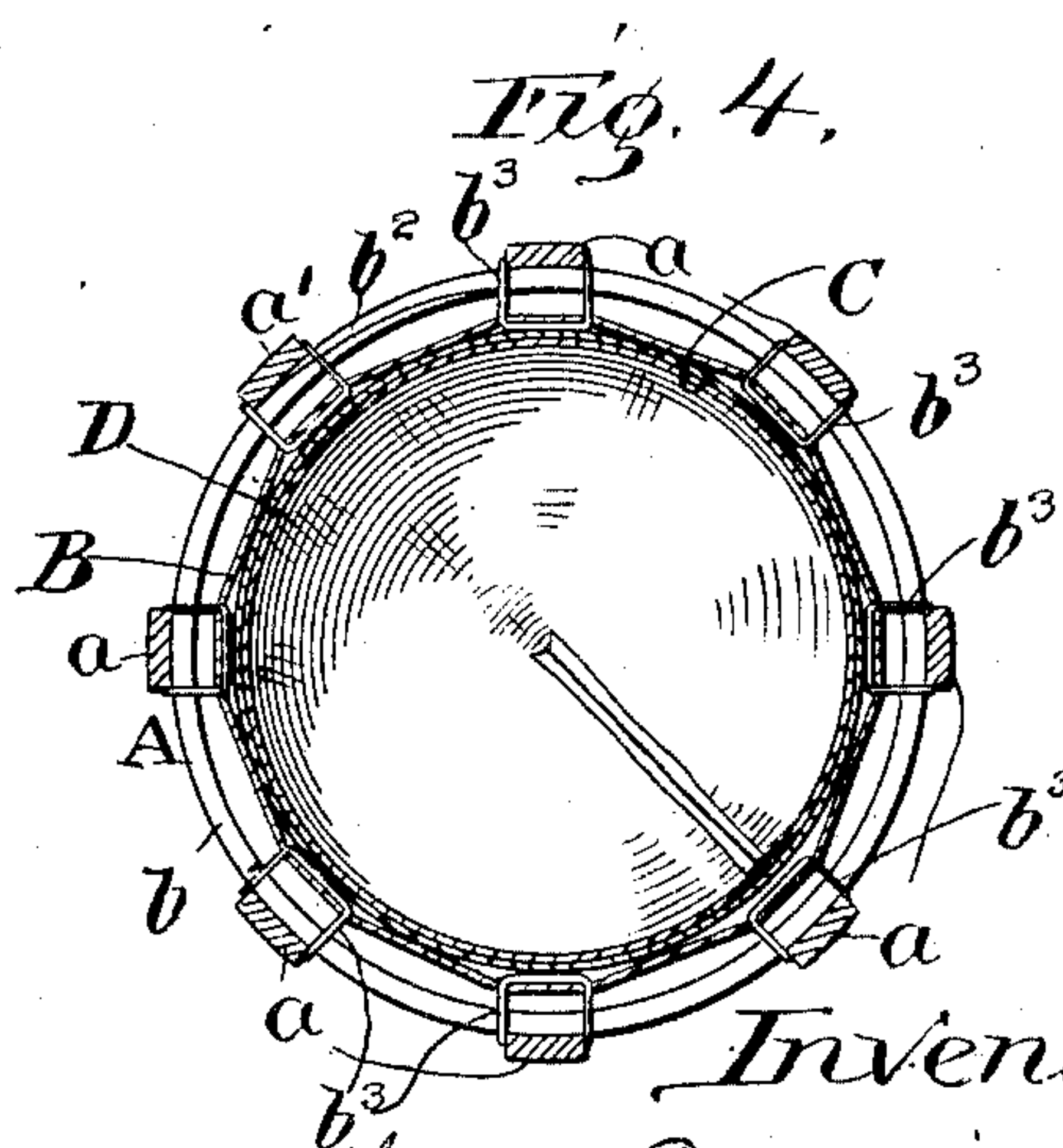
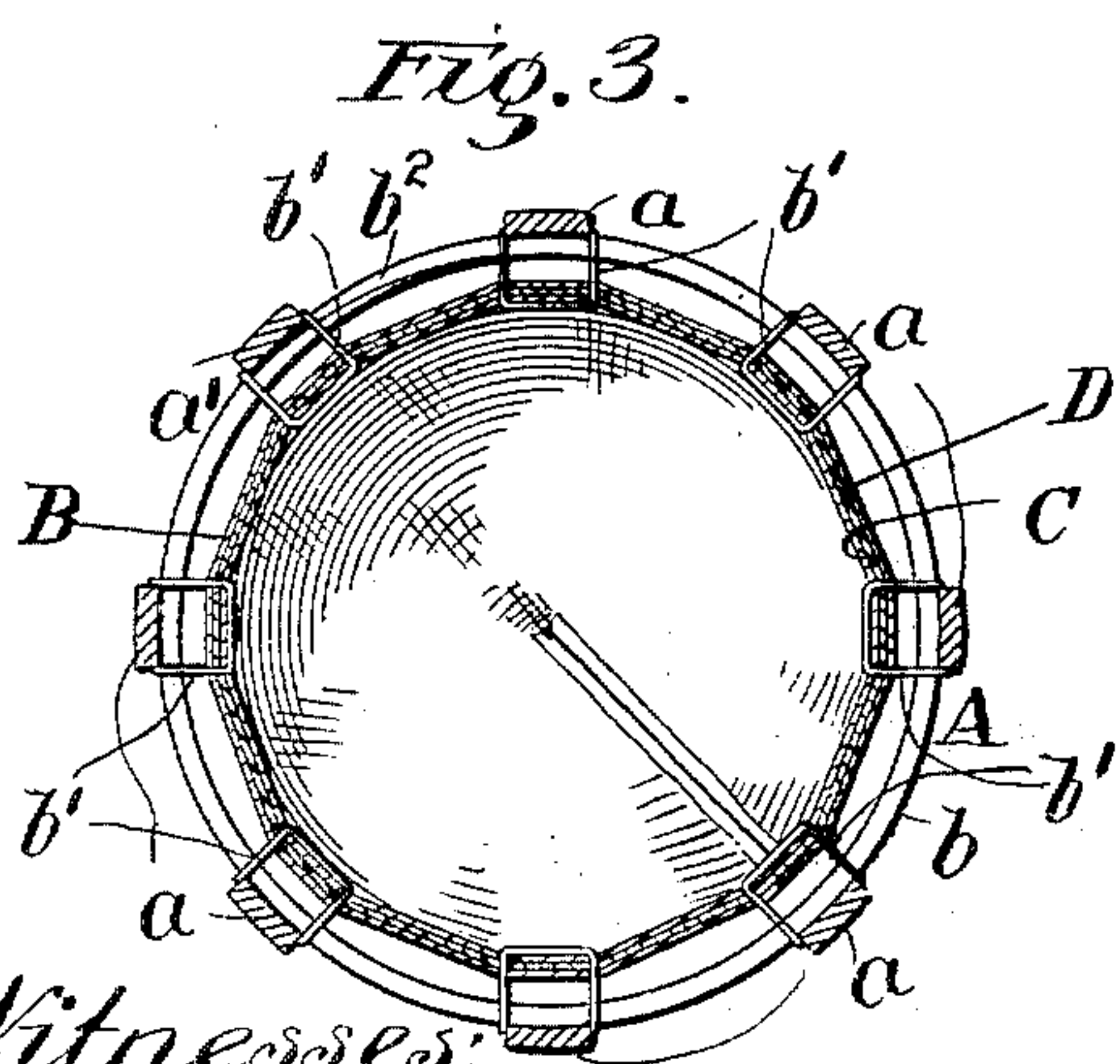
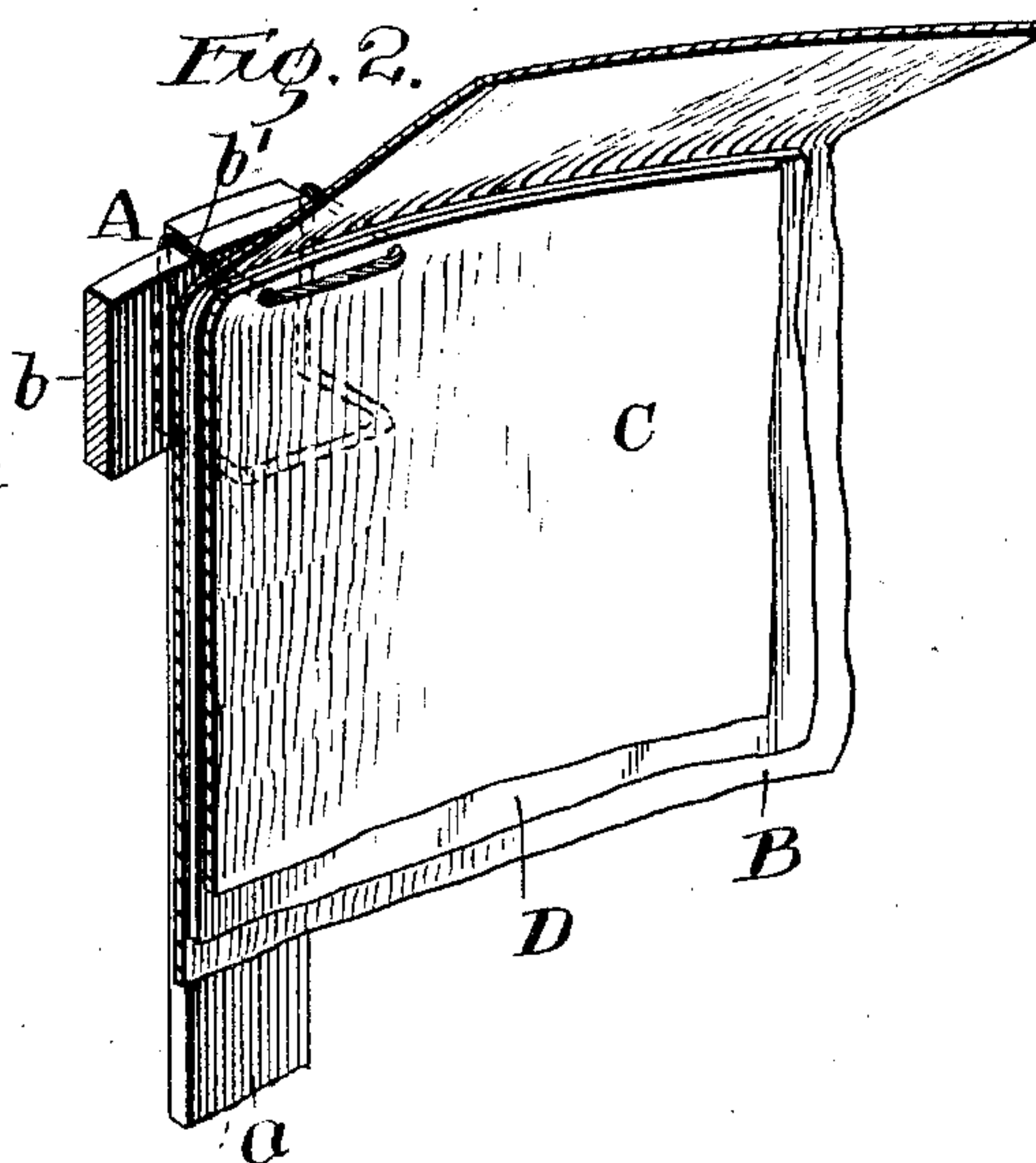
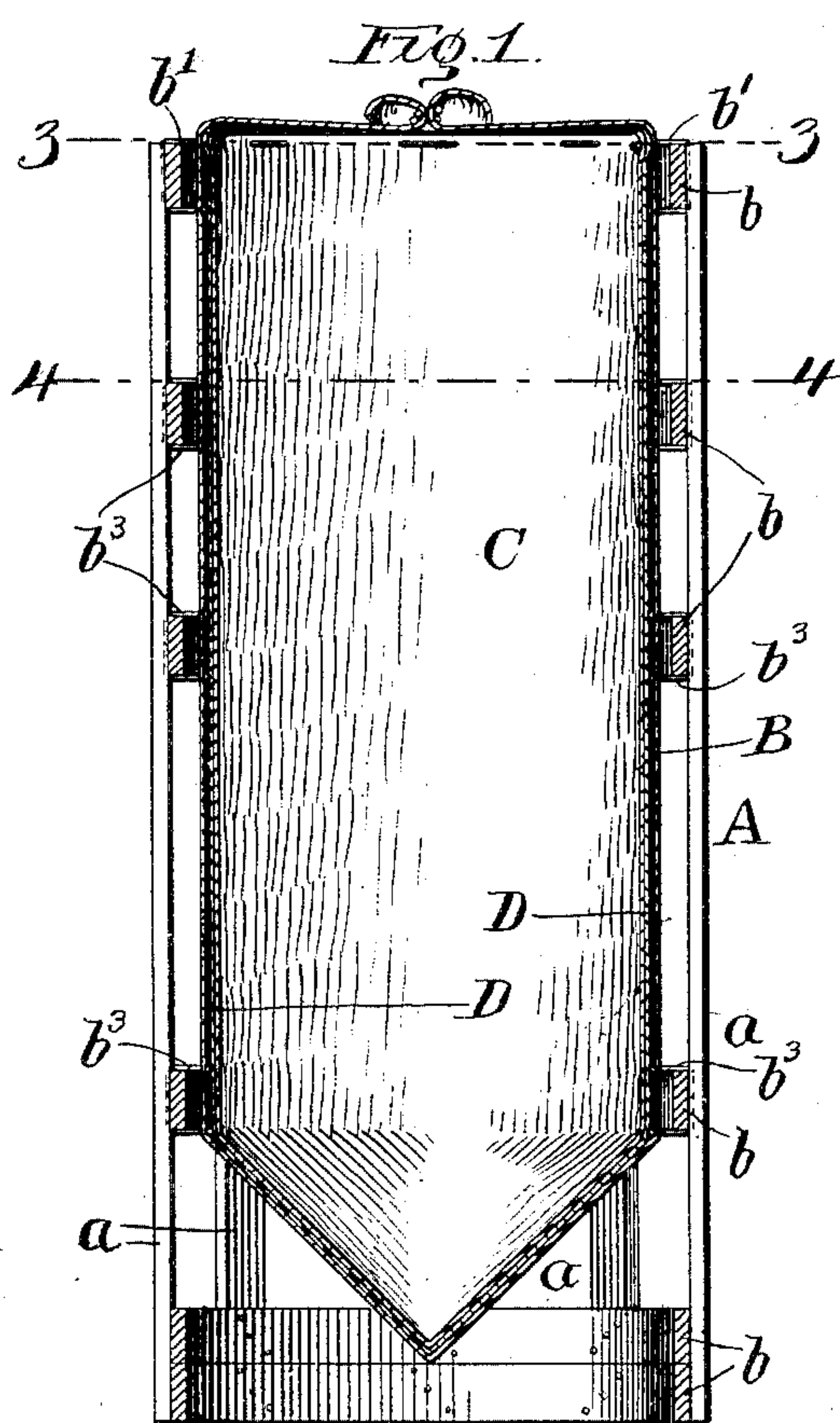
No. 675,641.

Patented June 4, 1901.

F. SCHMITZ.
BANANA SHIPPING CASE.

(Application filed Oct. 8, 1900.)

(No Model.)



Witnesses:
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UNITED STATES PATENT OFFICE.

FRANK SCHMITZ, OF CHICAGO, ILLINOIS.

BANANA-SHIPPING CASE.

SPECIFICATION forming part of Letters Patent No. 675,641, dated June 4, 1901.

Application filed October 8, 1900. Serial No. 32,319. (No model.)

To all whom it may concern:

Be it known that I, FRANK SCHMITZ, a citizen of the United States of America, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Banana-Shipping Cases, of which the following is a specification.

My invention relates to certain improvements in banana-shipping cases of the class in which a cloth bag or sack adapted to hold the bananas is supported by suitable means within an outer crate, having sufficient rigidity to protect the fruit against injury from without and itself being at a sufficient distance from the sack to avoid bruising the same.

The object of the invention is to provide additional security against cold and to do the same in the simplest manner.

To such end the invention consists in certain novel features, which will fully appear below.

In the drawings, Figure 1 is a vertical diametrical section of the complete case. Fig. 2 is a fragmental section upon a larger scale and showing the parts in perspective. Fig. 3 is a horizontal section, looking downward, upon the plane 3 3 of Fig. 1; and Fig. 4 is a similar section, looking downward, upon the plane 4 4 of the same figure.

Referring to the drawings, A is a supporting-crate consisting of upright longitudinal slats *a*, connected by circular hoops *b*, the latter disposed at proper distances apart and two hoops being preferably used at the bottom for added strength and rigidity.

In securing the slats *a* to the hoops *b* it should be noticed that one of the slats (lettered *a'* in Figs. 3 and 4) is placed directly over the end of the outside portion of the splice, (marked *b*³,) so that it protects the thin tapered end of said outside portion from splitting and from being torn loose by contact with any object.

Within the crate a sack B is supported by means of cords *b*³, sewed through the sack and tied about the crate, the cords being so arranged as to hold the sack within and out of contact with the crate. Inside of the sack B is an inner sack C, preferably of the same shape and size as the sack B and also preferably secured by means of the upper row of fastenings *b'*, which are passed through both sacks and through an interposed non-conductor of the heat D—as, for instance, paper. The two sacks serve to support the fruit and combine their strength in protecting it from injury, and the inclosed paper or other material is protected both outside and inside by the respective sacks between which it is inclosed.

The device is exceedingly cheap and at the same time durable.

To a certain extent the invention is independent of the exact construction, and for that reason it is not limited thereto except as pointed out in the claim.

I claim as new and desire to secure by Letters Patent—

The combination with a suitable crate, A, of a sack, B, held within the same and out of contact therewith by means of a series of cords, *b*³, *b'*, a paper lining within said sack and an inner sack within the paper lining, said lining and inner sack being supported by the cords, *b'*, fastened to the crate and passed through both sacks and the interposed lining; substantially as described.

In witness whereof I have hereunto set my hand, at Chicago, in the county of Cook and State of Illinois, this 24th day of September, A. D. 1900.

FRANK SCHMITZ.

Witnesses:

CHAS. O. SHERVEY,
S. BLISS.