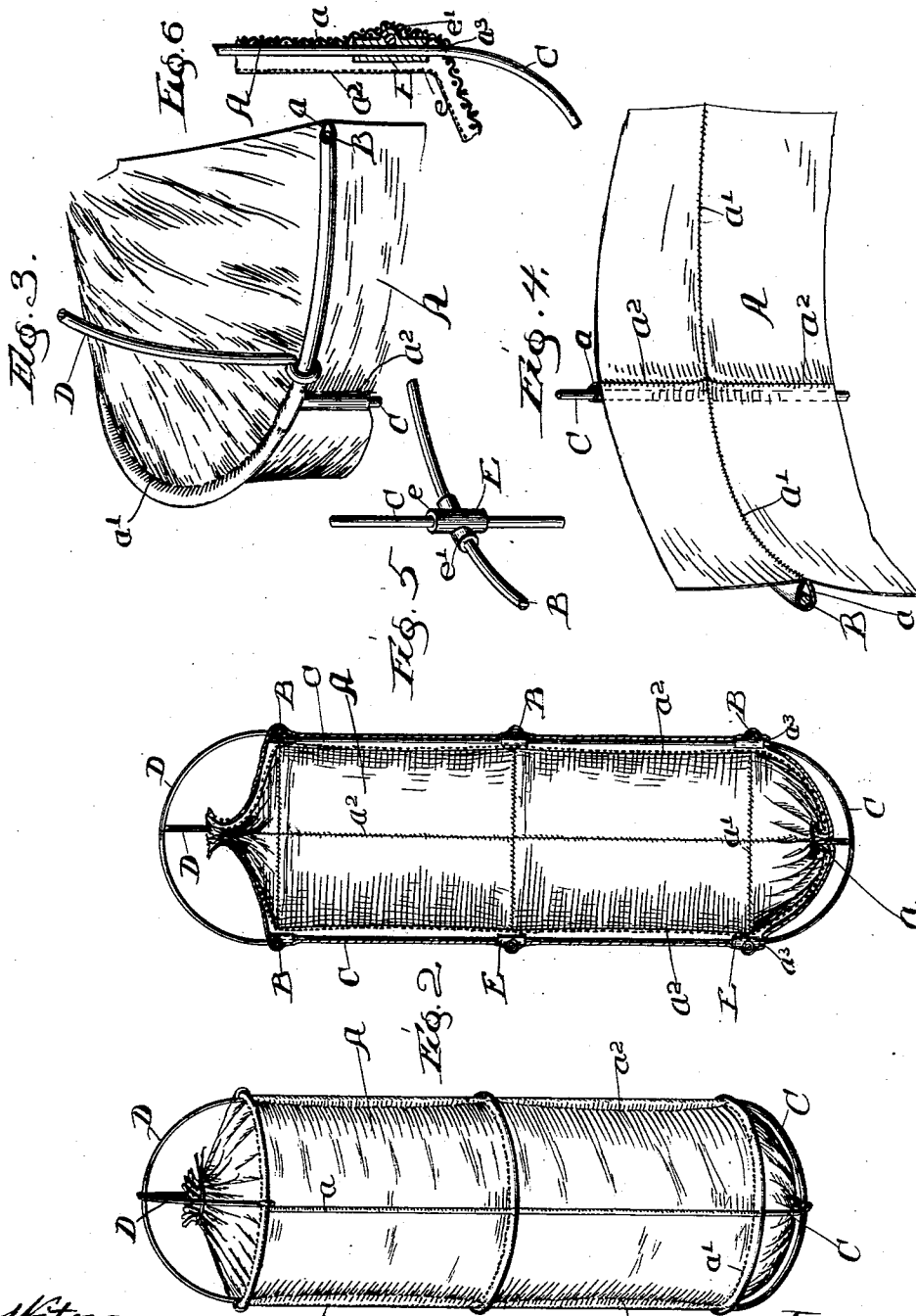


(No Model.)

F. SCHMITZ.
BANANA SHIPPING CASE.

No. 563,070.

Patented June 30, 1896.



Witnesses:
A. H. Hobbes
Chas. Cummings

Fig. 1.

Inventor:
Frank Schmitz
by Miles M. Bittner.

UNITED STATES PATENT OFFICE.

FRANK SCHMITZ, OF CHICAGO, ILLINOIS.

BANANA-SHIPPING CASE.

SPECIFICATION forming part of Letters Patent No. 563,070, dated June 30, 1896.

Application filed September 6, 1895. Serial No. 561,693. (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 a new and improved device for shipping bananas and other fruits; and it consists in certain features of construction fully described and claimed below.

The invention is illustrated in the drawings presented herewith, in which—

Figure 1 is a perspective view of my improved case. Fig. 2 is a central vertical section through the same. Fig. 3 is a detail perspective view of a part of the upper portion of the case. Fig. 4 is a detail perspective of a portion of the inside of the casing. Fig. 5 is a perspective view of a portion of the wire framework, and Fig. 6 is a detail section showing a portion of one of the bails and the canvas.

In the views, A is a casing, preferably of canvas, formed in the shape of an elongated bag and having its bottom brought together and tied in any suitable manner, as seen at *a* in Fig. 2. The top of the bag is left open, but may be also tied together in any suitable manner. The framework of the bag consists of a series of rings or hoops B and uprights C. The uprights are preferably bails at right angles to each other with their loops at the bottom. To the upper ring is secured the bails D D, by which the casing may be carried, and these bails fit one within the other, as seen in Fig. 1, so that they may be laid down upon the top of the bag when the same is to be filled.

I have provided castings E at all of the intersections of the wires. One of these castings is shown in Fig. 5 and consists in two tubular portions *e e'*, the portion *e* being ver-

tical and the portion *e'* horizontal. The portion *e'* is preferably soldered or otherwise rigidly secured to the rings and the portion *e* is intended to receive the uprights C, which are slid into the same when the bag is in use, holes *a*³ (see Figs. 2 and 6) being provided below the casting E at the bottom of the bag, through which the ends of the bails are passed.

In order to protect the bananas from contact with the wires, the canvas is brought around the wires, as seen in Fig. 4 at *a*, and sewed together at *a'* upon the rings and at *a*² upon the vertical wires. This effectually prevents the bananas or other fruit from coming in contact with the wires and being injured by the same. When it is desired to return the empty bags or store them, the bails C are withdrawn from the castings E and the remainder or the casing folded up upon itself.

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

1. The combination with a suitable bag of rings and longitudinal bails adapted to distend the same, said bag being sewed around the rings and bails and well within them so as to completely remove them from the fruit; substantially as described.

2. The combination with a suitable bag of rings adapted to distend the same, bails, and suitable castings connecting the bails with the rings, the portions of the bag contiguous to the rings, being sewed around the same and well within them so as to completely remove them from the fruit; substantially as described.

3. The combination with a bag, A, of the rings, B, vertical bails, C, C, the castings, E, connecting the rings with the bails, the loops, *a*, and seams, *a'*, *a*²; substantially as described.

FRANK SCHMITZ.

Witnesses:

H. BITNER,

A. I. H. EBBESEN.