

(No Model.)

D. S. CARPENTER.  
SHIPPING CASE FOR FRUIT.

No. 597,391.

Patented Jan. 18, 1898.

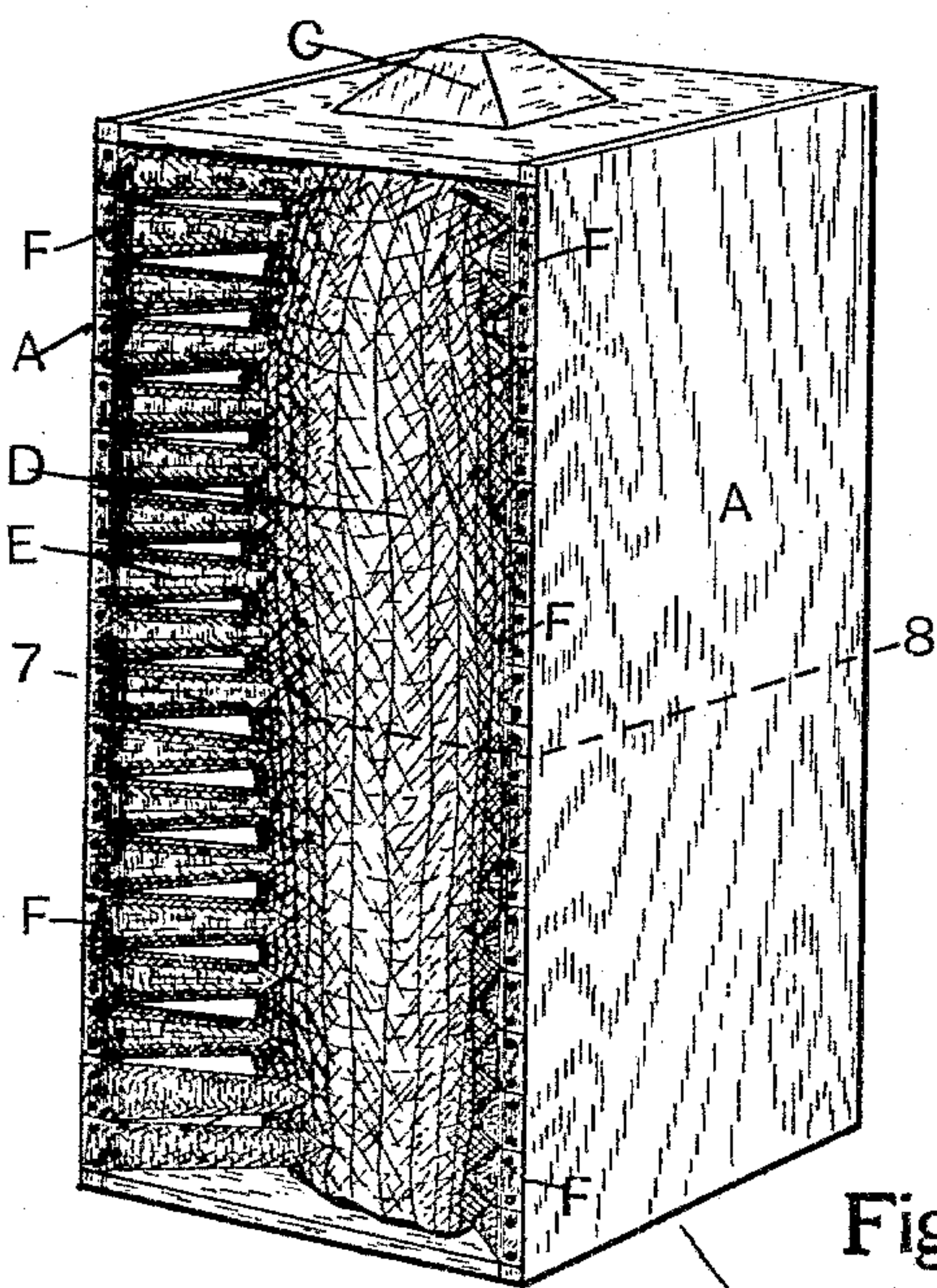
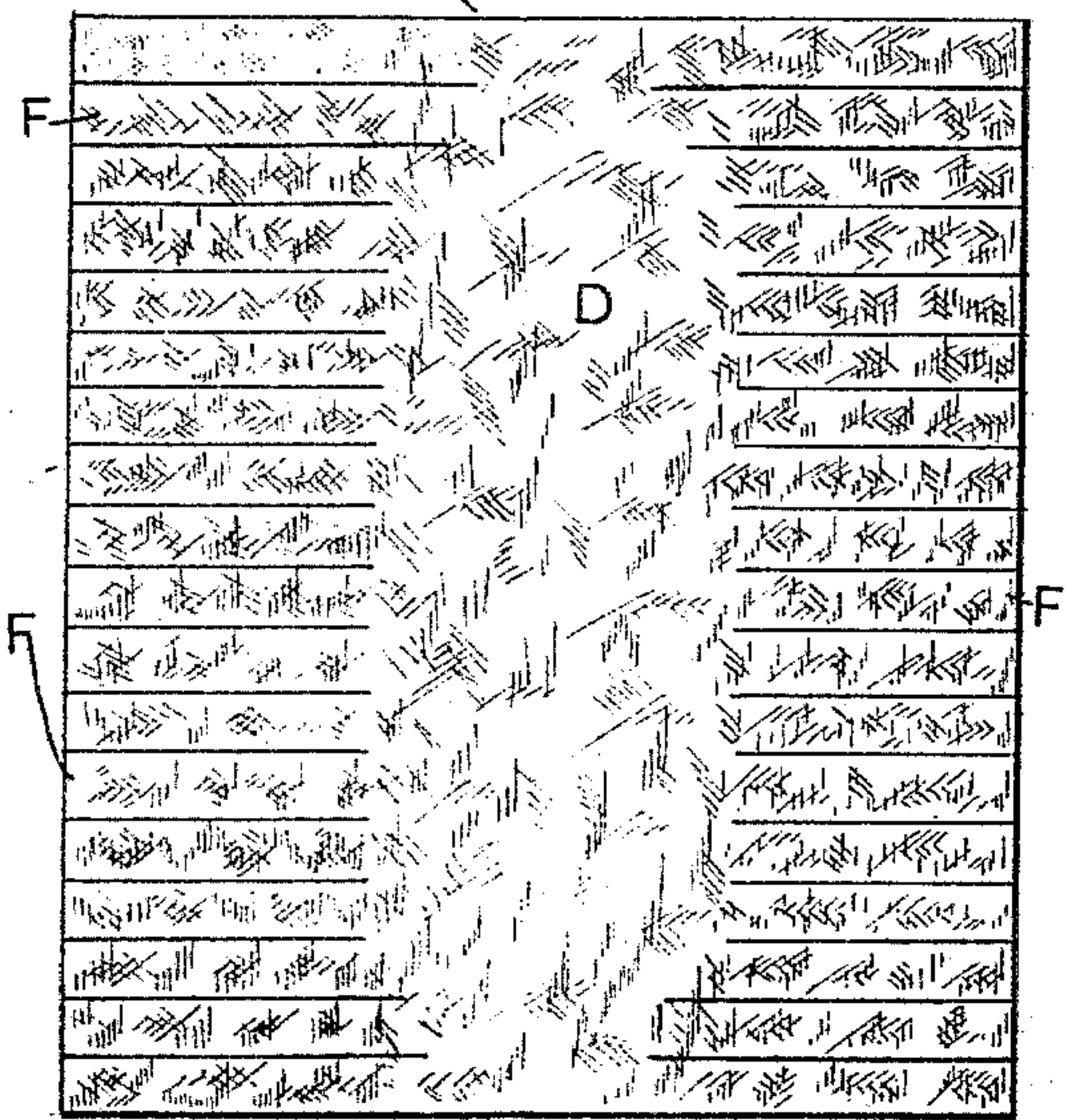


Fig. 5.

Fig. 1.



WITNESSES:

*H. H. Hale*  
*M. Sales*

Fig. 6.

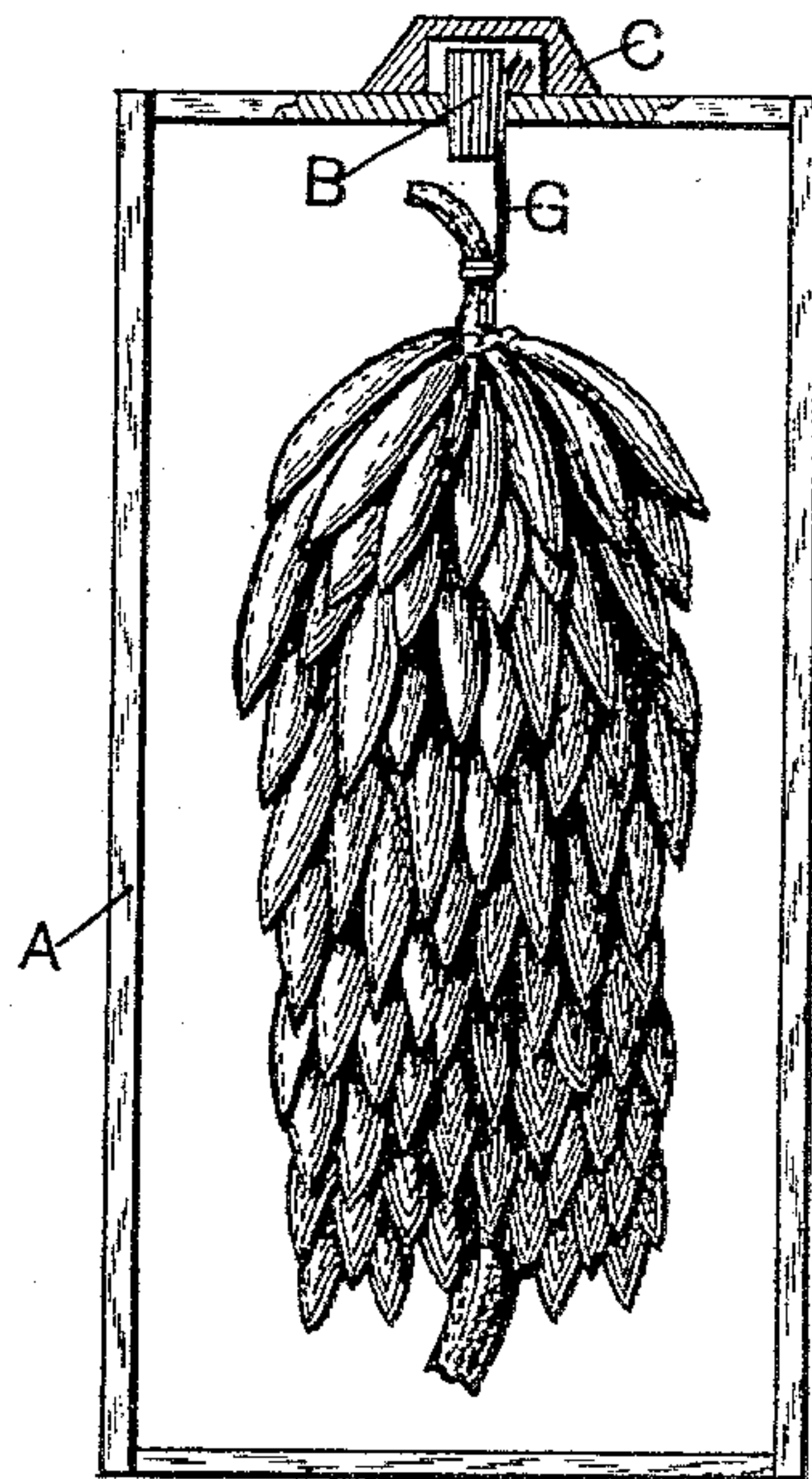
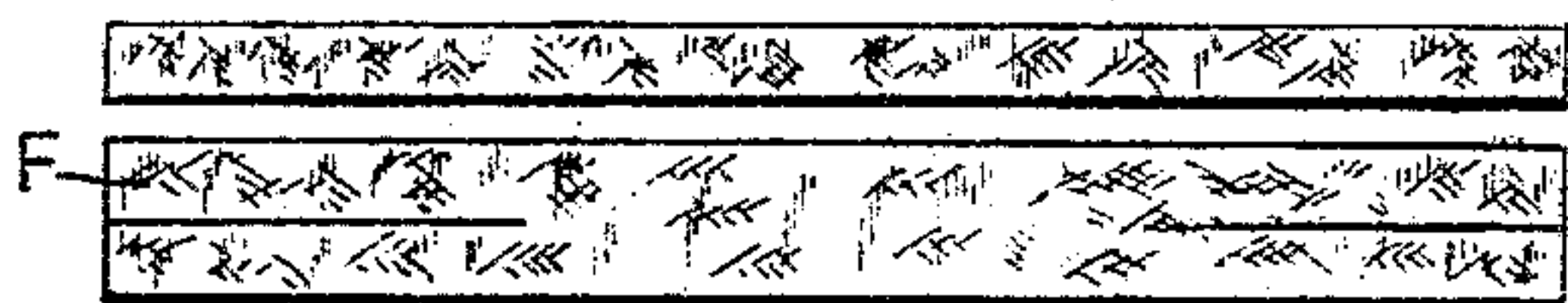


Fig. 2.

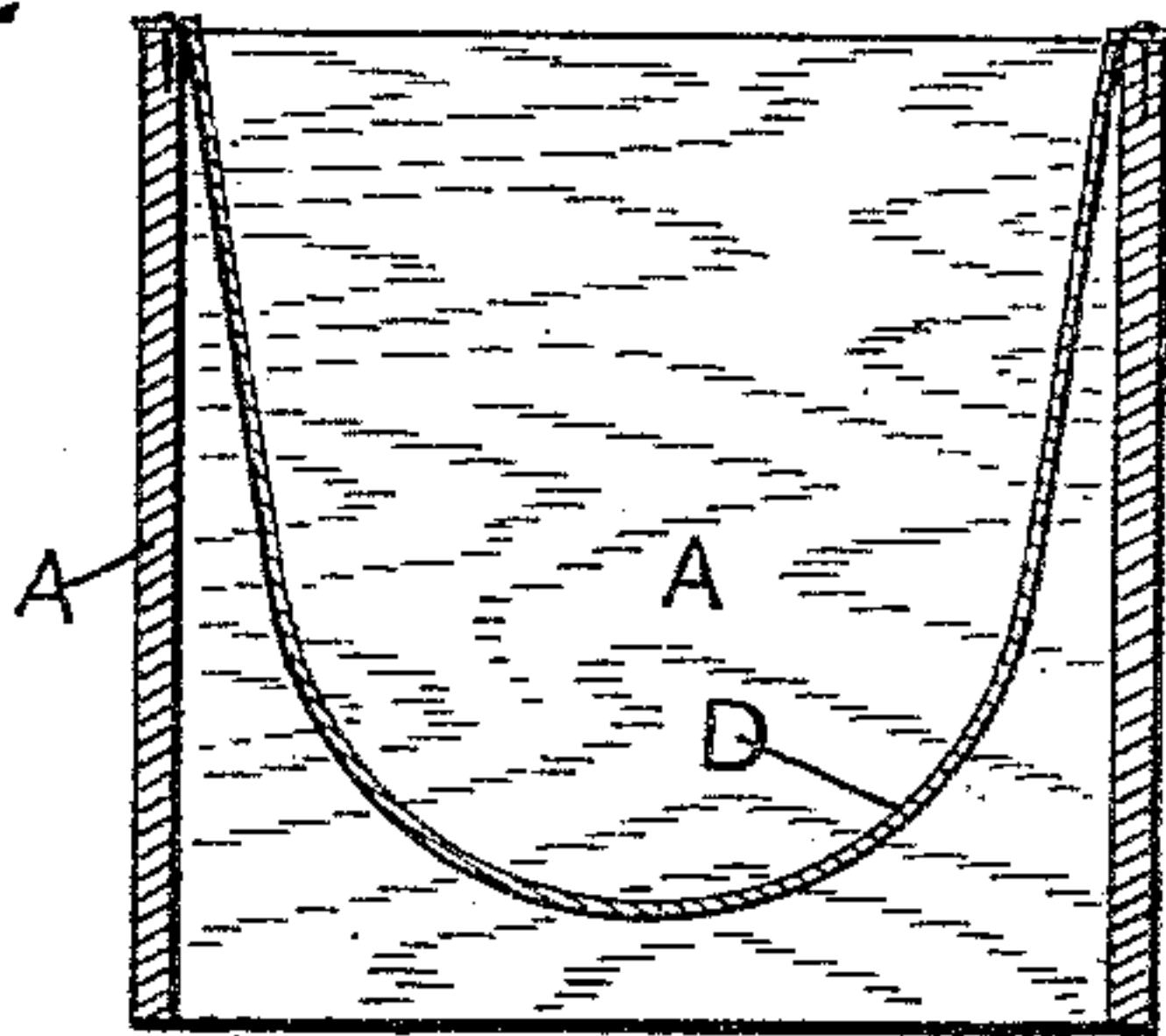


Fig. 3.

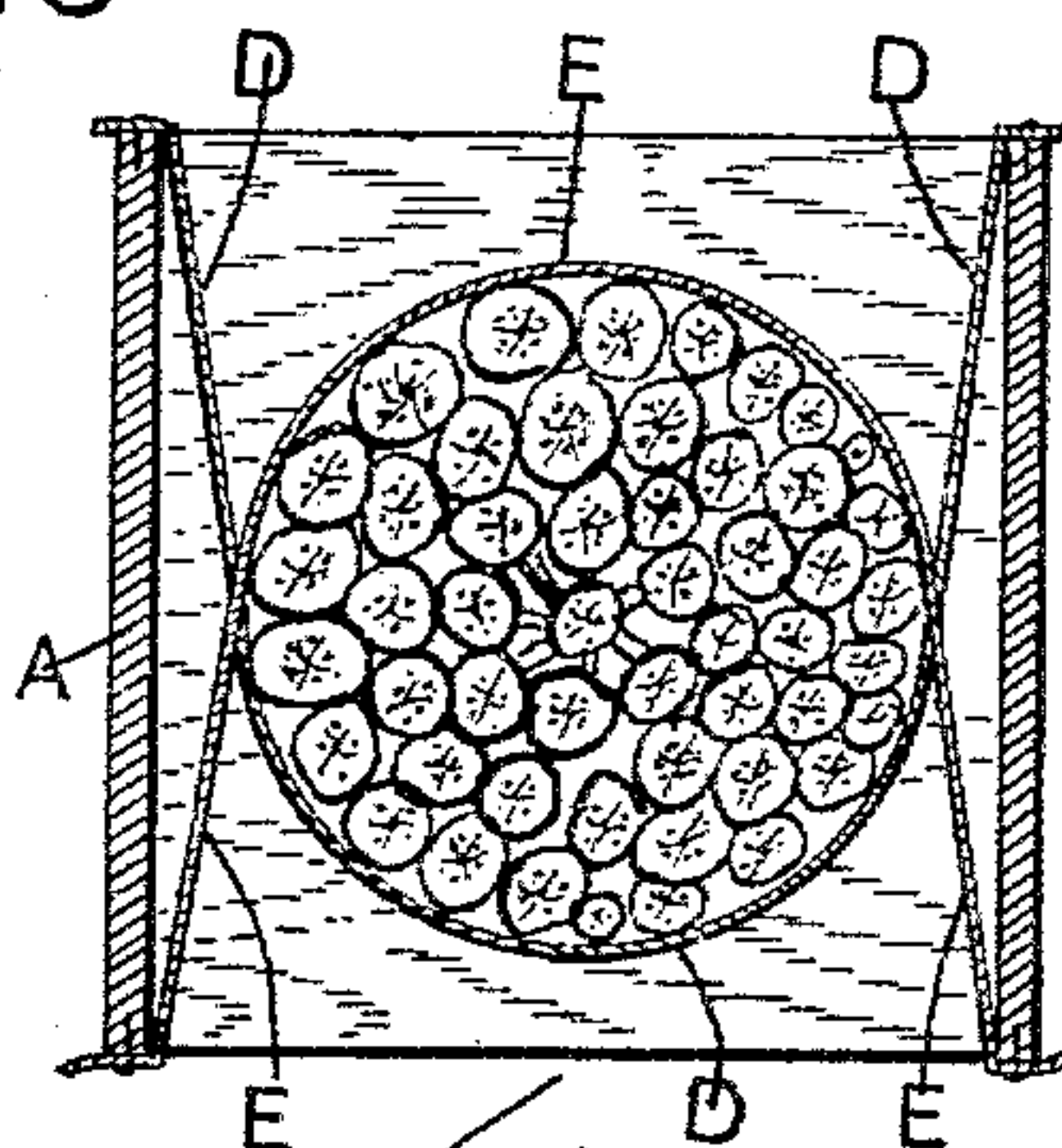


Fig. 4.

INVENTOR:

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# UNITED STATES PATENT OFFICE.

DANIEL S. CARPENTER, OF CHICAGO, ILLINOIS.

## SHIPPING-CASE FOR FRUIT.

SPECIFICATION forming part of Letters Patent No. 597,391, dated January 18, 1898.

Application filed September 5, 1896. Serial No. 604,935. (No model.)

*To all whom it may concern:*

Be it known that I, DANIEL S. CARPENTER, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Shipping-Case for Fruit, of which the following is a specification.

My invention relates to means for packing fruit for shipment; and my object is to provide a means which is specially adapted to use in the shipment of bananas which gives much better results than is the case by the methods ordinarily adopted.

My new shipping-case is described herein after and is illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view showing a packing-case in which is embodied my improvement. Fig. 2 is an elevation showing manner of suspending a bunch of bananas within the case, the latter having a portion of the top broken away. Fig. 3 is a horizontal section on line 7 8, Fig. 1, showing a supporting-bandage attached at one side only of the case, in which condition the bunch of bananas may be placed in position within the case, when the second bandage may be placed in proper position, as shown in the section, Fig. 4, inclosing the bananas. Fig. 5 is an elevation of one of the bandages spread out flat to show the side edges, which are in this instance slitted so as to form tongues whose outer ends are attached by means of tacks to the sides of the case. Fig. 6 shows, respectively, a strip whose ends are not slitted and a strip having the ends slitted and which may serve in place of the bandage, Fig. 5, to hold a bunch of bananas in position in the case. The bandage, however, as shown in position in Fig. 1 is preferred, since the fruit is more completely covered than would be the case where a series of single strips are used.

Similar letters indicate like parts throughout the several views.

The case A is usually made of wood and may have the front and rear sides open, as shown in the drawings, or be closed by securing covers on these sides, as may be desired, for the better protection of the fruit.

At one end of case A is a hole to receive a plug B, which latter is protected at the outside end by a cover-block C. The bandages

D or E are usually made of burlap or some other similar strong and inexpensive textile fabric, and the side edges are slitted to form tongues F, which are usually less than two inches in width and of a length of about one-third the width of the fabric.

In packing a bunch of bananas by this method a piece of fabric similar to what is shown by D, Fig. 5, is placed in the case A and each of the tongues F is securely nailed at the outer end to the side marginal edges of the case, and since the fabric is much wider than the case it may be pressed inwardly and form a kind of hammock similar to what is shown in Fig. 3. If now a bunch of bananas is placed upon the bandage D, the same may be secured at one end from longitudinal movement in one direction by inserting the usual suspensory string G thereof, Fig. 2, into the hole at the end of the case and then fasten the string firmly in position by driving into the hole the plug B, the bunch being shifted before securing the string, so that the lower end thereof is clear of the lower end of the case.

The second bandage E is applied by inserting the tongues F thereof between the slits of bandage D until they appear on the opposite side of the case, when they may be pulled tight and the outer ends thereof nailed to the margins of the case at each side and opposite to the margins on which bandage D is secured, when the bunch of bananas will be held between the two bandages, Fig. 1, where it is impossible for the bunch to contact the sides of the box or the ends thereof, since the bandages may be pulled in so close around the ends of the bunch that any longitudinal motion thereof in either direction is effectually prevented.

It is intended that the end of the case in which the string G, attached to the bananas, is secured is the top, and the cover-block C, forming quite a large protuberance, insures that the case will in most instances be set down in the position indicated in Fig. 2, when most of the weight of the bunch will be sustained by the suspensory string G, the bandages serving as yielding guards to prevent swinging about. This manner of packing bananas is intended to obviate the use of straw, which is almost always used for this purpose and is objectionable in that it im-



parts a straw flavor to the fruit, and is dangerous on account of fire, since both the packing and unpacking rooms must necessarily have much loose straw scattered about.

5 In my new method of packing it is not really objectionable to place the case with any particular side uppermost, for the reason that the bandages swing the bunch clear of the case in any position. It is obvious that  
10 several of these cases may be framed together to form one large case.

It must be understood that I do not confine myself to the exact method of applying the suspensory bandages, since it is evident that  
15 many different kinds or forms of bandages may be employed to suspend the fruit clear of the outer protecting-case and not in the least change the result attained.

I claim as my invention—

In a shipping-case for bananas, the combination with an outer protecting-case, of opposing suspensories between which is disposed a bunch of bananas, the sides of the suspensories projecting laterally from the bunch of bananas, and the lateral terminal  
25 ends of the suspensories attached to the sides of the case, whereby the bananas are directly supported laterally from contact with the sides of the case, for the purpose stated.

In testimony that I claim the foregoing I  
30 have hereunto set my hand, this 29th day of August, 1896, in the presence of witnesses.

DANIEL S. CARPENTER.

Witnesses:

H. H. HALE,

CLEMENCE K. VETTERLING.