

L. SCHECKMAN.
BANANA CARRIER.
APPLICATION FILED JUNE 17, 1909.

Patented Jan. 25, 1910.
2 SHEETS—SHEET 1.

947,354.

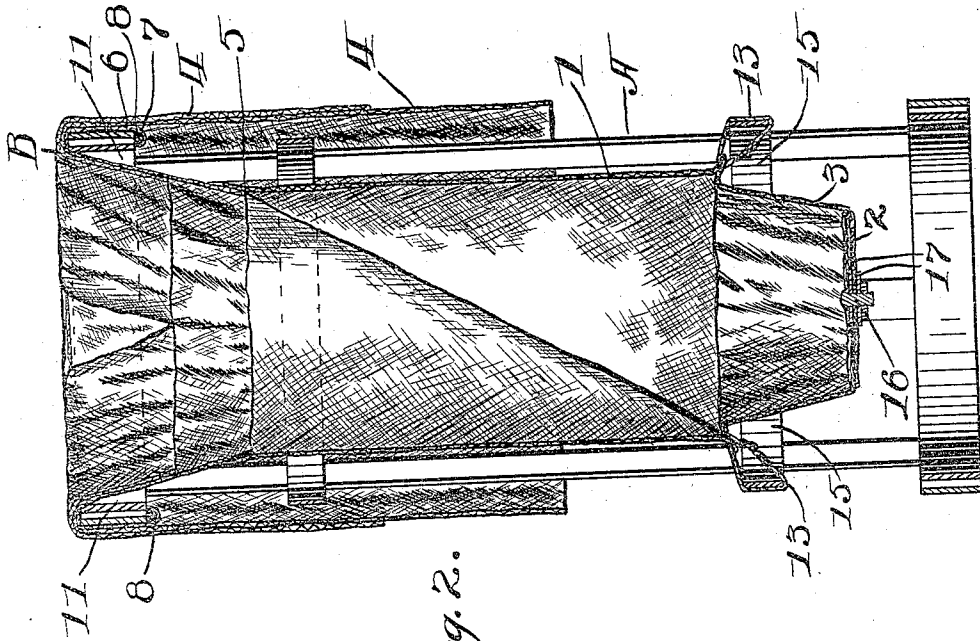


Fig. 2.

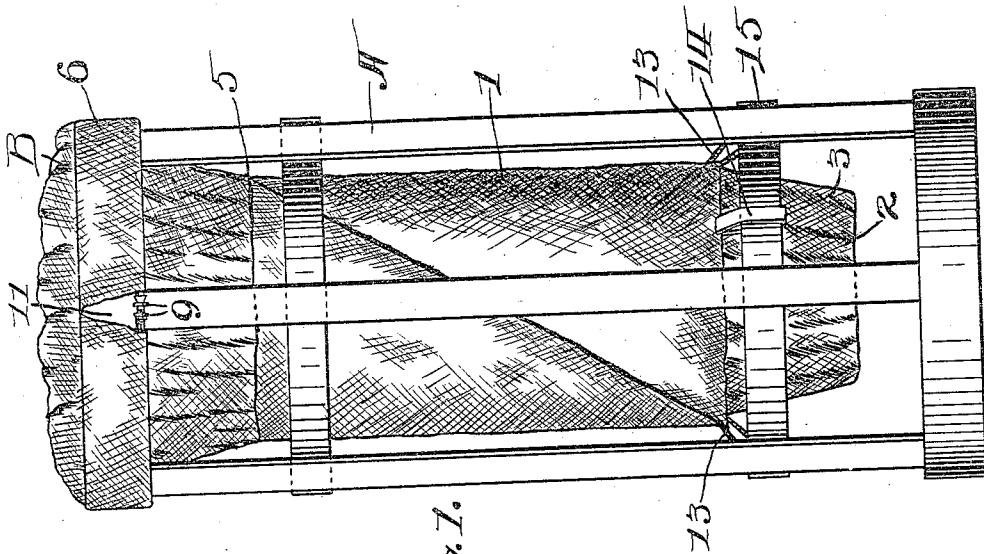


Fig. 1.

Witnesses:
R. A. Fischer
Max Beamer.

Inventor:
Louis Scheckman,
by: John E. Styker
His Attorney.

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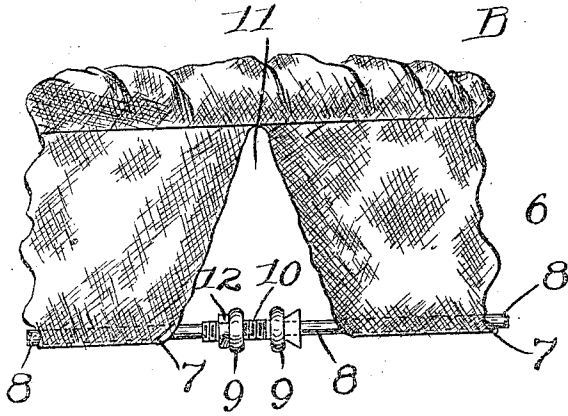


Fig. 4.

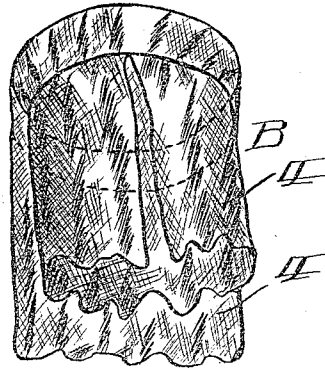


Fig. 5.

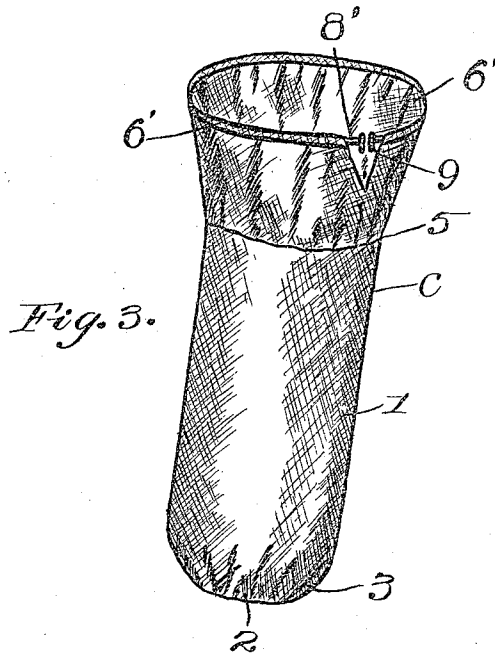


Fig. 3.

Witnesses:
R. A. Fischer
Max Beamer

Inventor:
Louis Scheckman,
by: John E. Styker
His Attorney.

UNITED STATES PATENT OFFICE.

LOUIS SCHEEKMAN, OF ST. PAUL, MINNESOTA.

BANANA-CARRIER.

947,354.

Specification of Letters Patent. Patented Jan. 25, 1910.

Application filed June 17, 1909. Serial No. 502,689.

To all whom it may concern:

Be it known that I, LOUIS SCHEEKMAN, a citizen of the United States, residing in St. Paul, in the county of Ramsey and State of Minnesota, have invented new and useful Improvements in Banana-Carriers, of which the following is a specification.

My invention relates to improvements in banana carriers.

It has for its object the production of a durable carrier for shipping bananas in bunches which will effectually protect the fruit against injuries due to bruising or low temperature. The carrier is adapted for use in connection with banana crates of ordinary construction.

To this end my invention consists in the features of construction and combination hereinafter specifically described and claimed.

In the accompanying drawings forming part of this specification Figure 1 is an elevation of my improved carrier attached to a banana crate of ordinary construction. Fig. 2 is a central vertical section of Fig. 1. Fig. 3 is a perspective view of my inner carrier especially adapted for winter use. Fig. 4 is a detail showing the means by which my carriers are attached at the top to the crate. Fig. 5 is a detail in perspective showing the arrangement of the flaps on the top of the carrier.

In the drawings A represents a banana crate; B one of my carriers adapted for summer use, and C a carrier adapted for winter use and adjustable inside of the carrier B. The carriers are preferably made of burlap or canvas, and in case a loosely woven material is used the body portion of the carrier is preferably cut so as to have the seams on the bias, to secure greater rigidity, as shown in Figs. 1 and 2. The bodies 1 of the carriers are substantially cylindrical in form and are provided with bottoms 2 cut like a disk, of somewhat smaller diameter than the general periphery of the carrier, to which they are connected by the tapering portions 3. The upper or open ends of the carriers are formed with flaps 4, and in the case of the carrier B I prefer to have two of these flaps as shown in Figs. 2 and 5. Above the line 5, where the body of the carrier and the flap are united, a band 6 is formed having at its outer edge a hem 7 adapted to receive a ring 8 which is formed with eyes 9 to receive a bolt 10. This band 6 with the in-

closed ring 8, serves to rigidly connect the carrier with the crate by passing the band 6 about the upper hoop 11 of the crate, the ring 8 being positioned just beneath said hoop and locked in position by inserting the bolt 10 in the eyes 9 and screwing up the nut 12 thereon. The lower circumference of the carrier is provided with tie-ropes 13, and straps 14 adapted to respectively tie and buckle the carrier to the hoop 15 of the crate. By this arrangement the carrier is held rigidly in place within the crate, with a space between the crate and carrier, which will prevent bruising in the rough handling often received by the crates, and in case the material composing the carrier becomes stretched by use the slack can be taken up by means of the straps and tie-cords, thus preventing the injury to the fruit, which commonly occurs in carriers of usual construction after they have been in service for a short time. The inner carrier C is of the same general form as the carrier B, but may be lined if desired, and is held in place at the top of the crate by means of a band 6' and ring 8' similar in construction to those heretofore described, the base of the inner carrier being held taut in the outer carrier by means of a small bolt 16 and washers 17, as shown in Fig. 2, the bolts extending centrally through the bottom of both carriers.

To those familiar with present method of crating bananas, the foregoing will make clear the advantages of my carrier over those now in common use, both in the matter of protecting the fruit against cold and rough treatment and in the adjustability and durability of the carriers themselves.

Having described my invention, what I claim as new and desire to protect by Letters Patent, is:

1. A combined banana carrier and crate, comprising a substantial cylindrical bag, and means, consisting of a band upon the bag and a resilient ring within the band, for the purpose of suspending the bag from the crate near its top and out of contact with its base, and means attached to the bag near its base for adjustably holding the same out of contact with the sides of the crate.

2. A banana carrier comprising a bag having a bottom in the form of a disk and a plurality of flaps at its top, said bag being provided with a hemmed band and an adjustable ring within the band for attaching the carrier to the crate.

3. A banana carrier provided at its top with a band, an open ring having eyes and a bolt for uniting the eyes and at its lower end with straps having buckles, for supporting the carrier within, and out of contact with, a crate.

4. A combined banana carrier and crate comprising a bag provided at its top with a ring having an open joint adapted to embrace the upper end of the crate, means for locking the ring about the crate, and means attached to the bag for adjusting it out of contact with the lower part of the crate.

5. A banana carrier comprising a bag having a bottom in the form of a disk, adapted to be suspended in a cylindrical crate and provided with a hemmed band and an adjustable ring within the band for attaching the carrier to the crate, and also provided with means for holding the lower part of the bag out of contact with the crate.

6. A banana carrier consisting of inner

and outer bags having disk shaped bottoms supported within a crate and connected therewith at the top by bands and rings, the outer bag being adjustably attached to the crate near its base, and means for holding the bottoms of the two bags together.

7. A banana carrier consisting of substantially cylindrical inner and outer bags supported within a crate and connected therewith at the top by bands and rings, the outer bag being adjustably attached to the crate near its base by straps, and the bottoms of the two bags being held together by a bolt and washers.

In testimony whereof, I have hereunto signed my name to this specification in the presence of two subscribing witnesses.

LOUIS SCHEEKMAN.

Witnesses:

H. H. FLOR,
JOHN E. STRYKER.