

June 19, 1923.

1,459,300

S. E. FLITNER

PACKING DEVICE

Filed March 5, 1920

Fig. 1

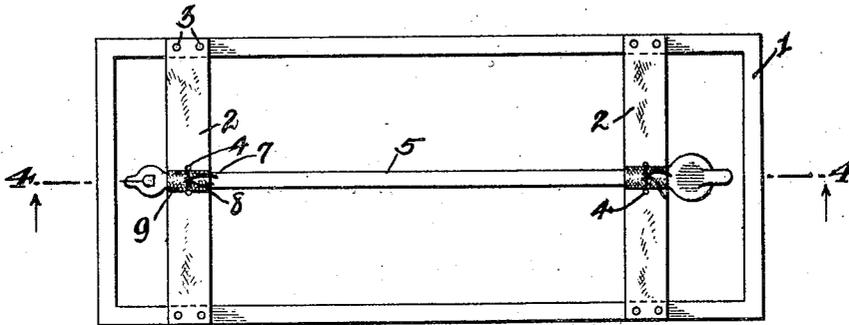


Fig. 2

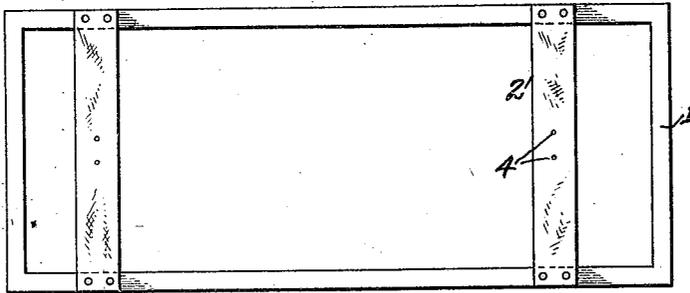


Fig. 3

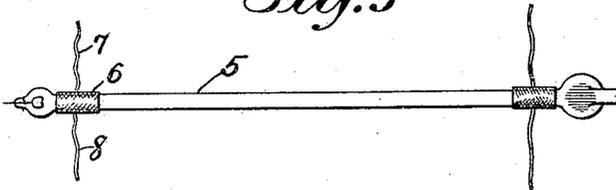


Fig. 4



INVENTOR

Stanwood C. Flitner

BY

The H. H. Brown

HIS ATTORNEY

UNITED STATES PATENT OFFICE.

STANWOOD E. FLITNER, OF ENGLEWOOD, NEW JERSEY, ASSIGNOR TO COOPER HEWITT ELECTRIC COMPANY, OF HOBOKEN, NEW JERSEY, A CORPORATION OF NEW JERSEY.

PACKING DEVICE.

Application filed March 5, 1920. Serial No. 363,546.

To all whom it may concern:

Be it known that I, STANWOOD E. FLITNER, a citizen of the United States, and resident of Englewood, county of Bergen, State of New Jersey, have invented certain new and useful Improvements in Packing Devices, of which the following is a specification.

The present invention relates to an improved packing crate for fragile articles.

By way of illustration I have illustrated my invention as utilized in the shipping of mercury vapor lamps, but it will be understood that the invention is not limited to this particular use, and is useful in the arts generally.

I have discovered that, when a mercury vapor lamp is mounted on fabric bands, attached to the sides of a suitable frame, breakages in transit are reduced.

I have also discovered that when the band or tape, utilized to fasten the tube to the canvas strips is provided with an adhesive substance, such as a paste or glue that will stick to glass, the breakage hazard, due to the twisting and slipping of the tube in transit, is eliminated.

In the accompanying drawings, Figure 1 is a bottom plan view of my supporting frame showing a mercury vapor lamp ready to be shipped; Figure 2 is a similar view of the supporting frame with the lamp removed; Figure 3 is a view of the lamp provided with the adhesive band and strings for attachment to the canvas strip in the frame of Figure 2; and Figure 4 is a sectional view of the supporting frame taken on line 4-4 of Figure 1.

Referring to Figure 1, 1 is a rectangular frame made up of strips of wood of the desired mechanical strength, and 2, 2, are bands of yielding material, such as cotton fabric, extending across the opening between the sides of the frame and nailed to the sides as indicated at 3, 3. The fabric bands 2, 2, are each provided with a pair of holes 4, 4, for each lamp to be mounted in the frame, as will be readily understood. The vapor lamp is shown at 5, provided near each end thereof with fabric bands 6, 6, attached to the tube by an adhesive paste or glue of commerce which has the quality of adhering to glass the said bands 6 being provided with strings, 7 and 8, which are

passed through the holes 4, 4, and tied in a knot as shown at 9, securely fastening the lamp in the frame 1, the adhesive material joining the bands 6 and the lamp 5 preventing the twisting and slipping of the lamp in transit.

The support, 1, with one or more lamps, 5, is now ready to be mounted in a suitable shipping crate therefor which may be of any desired character, these crates being now well known in the art.

When the lamp is removed from the crate as by the breaking of the knot 9, and the tearing off of the band 6, any glue or paste which may remain on the glass is washed off with water, as will be readily understood.

I claim as my invention:

1. In a shipping crate, a support for fragile materials comprising a frame, a fabric material extending across the opening between the sides of said frame and separate adhesive covered means attached to said fabric material and adhesively attached to said fragile materials for holding the fragile material in place.

2. In a shipping crate, a support for fragile materials comprising a frame, a fabric material extending across the opening between the sides of said frame and separate adhesive covered means attached to the fabric material and adhesively attached to said fragile materials for preventing twisting of the fragile material in shipment.

3. In a shipping crate, a support comprising a frame, a flexible material extending across the opening of said frame and separate adhesive covered means attached to said material for adhesive attachment to the article to be shipped.

4. In a shipping crate, a support comprising a frame, a fabric material extending across the opening of said frame and a separate adhesive covered band attached to said fabric material for adhesive attachment to the article to be shipped.

Signed at Hoboken, in the county of Hudson and State of New Jersey this 4th day of March A. D. 1920.

STANWOOD E. FLITNER.

Witnesses:

RENÉ WELDON,
C. ALFRED BURHORN.