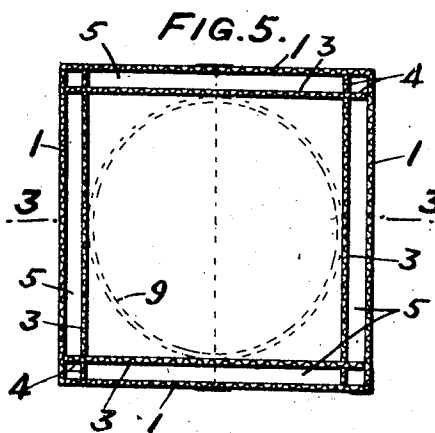
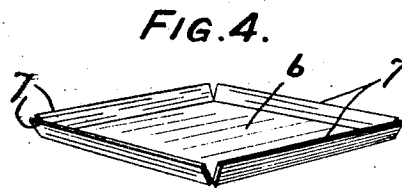
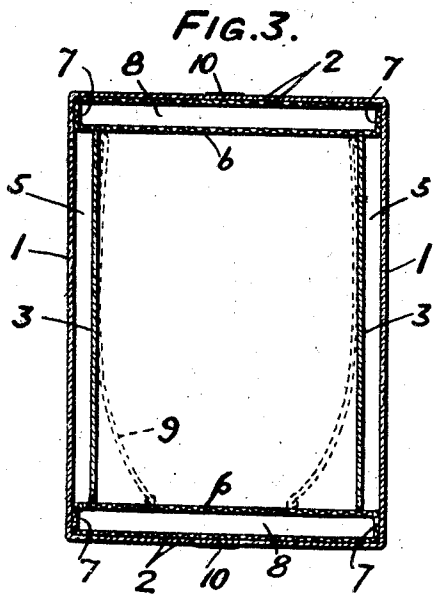
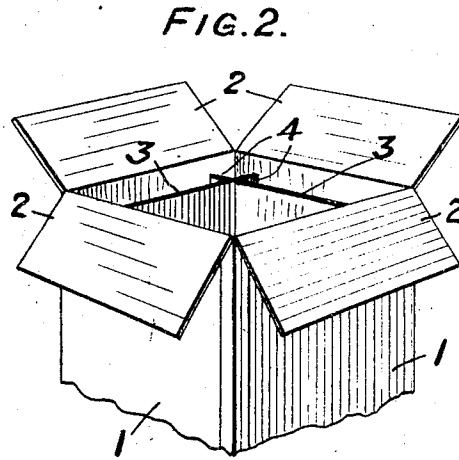
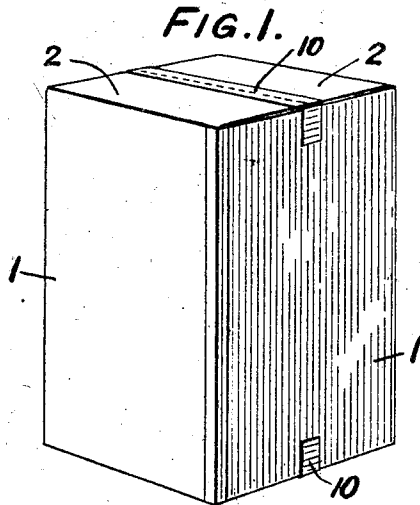


J. C. McMENAMIN.
 PACKING BOX FOR GLOBES.
 APPLICATION FILED JUNE 4, 1914.

1,119,089.

Patented Dec. 1, 1914



WITNESSES:

R. H. [Signature]
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INVENTOR

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PACKING-BOX FOR GLOBES.

1,119,089.

Specification of Letters Patent.

Patented Dec. 1, 1914.

Application filed June 4, 1914. Serial No. 842,916.

To all whom it may concern:

Be it known that I, JOSEPH C. McMENAMIN, a citizen of the United States, and a resident of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Packing-Boxes for Globes, of which the following is a specification.

The principal object of the present invention is to provide means for shipping glassware, such as is used for example in connection with street lamps, in such a way that it is not broken and is in fact protected from breakage, and in such a way that freight charges, which are based on weight, are reduced or kept down.

Another object of the invention is to facilitate the packing, handling and storing of the glassware and to avoid high insurance rates, such as obtain where hay or straw is used for packing purposes.

The invention will be claimed at the end hereof, but will be first described in connection with the accompanying drawings, forming part hereof and in which—

Figure 1, is a perspective view of the outer case. Fig. 2, is a similar view of the top or bottom of the outer case showing also the inner shell and end flaps. Fig. 3, is a sectional view of the complete package, taken on the line 3—3, of Fig. 5. Fig. 4, is a perspective view of one of the trays detached, and Fig. 5, is a transverse sectional view of the package.

The packing box is of the knock-down variety, meaning that it and its parts can be folded or arranged so as to be flat which, of course, is a matter of convenience in shipping the packages empty, and the box is constructed as of corrugated straw-board, pulp-board or like or similar material which is light, strong, comparatively cheap and otherwise suitable.

There is an outer case having four connected sides 1, and having at each end four connected flaps 2, each of about half the width of the box, adapted to be folded together so as to overlap and to form outer end closures which are strong and flat. There is an inner shell of less depth than the outer case and it consists of four side walls 3, intersecting each other at the corners and projecting at 4, into contact with the outer case, to space the side walls 3, from the side

walls 1, as shown at 5. There are two closures, elements or trays 6, each having marginal flanges 7, and these marginally flanged trays or elements are fitted into the ends of the outer case, and they support the end walls 3, of the shell and close the latter to form an inner closed receptacle. The edges of the flanges 7, are supported by the end closures of the case to space the inner closed receptacle from the case, as shown at 8.

In use the article, for instance a globe, indicated in dotted lines 9, fits the inner closed receptacle so that its cylindrical surface contacts with the walls 3, and its ends contact with the elements or trays 6. On all sides of the inner receptacle, including its top and bottom and between the walls of the outer case, there is a space as at 8 and 5, thus the glassware or globe is held snugly in the inner closed receptacle and the latter is cushioned and protected on all sides by the space between it and the outer receptacle.

By the described construction, combination and arrangement the package as a whole may be subjected to extremely rough treatment, such as is encountered in transportation and shipment without injury to the contained glassware or globe. The package is light and strong and even capable of re-use and it does not belong to the class which is regarded as hazardous in respect to fire.

As an example of means for keeping the package closed I have illustrated strips 10, applied to the flaps 2, where they meet and extended somewhat along the adjacent sides. These strips constitute a secure closure and afford means by which the box can be readily opened so that the element or tray 6, and the contents 9, can be withdrawn.

Modifications can be made in details without departing from the spirit of the invention.

What I claim is:

1. A knock-down-corrugated-straw-board packing box for globes consisting of the combination of an outer case having four connected sides and two ends each consisting of four flaps adapted to be folded together to form outer end closures, an inner shell of less depth than the outer case and consisting of four walls intersecting each other at the corners and projecting into contact with the outer case to space the side walls of the shell from the side walls of the case, and two mar-

ginally flanged trays or elements fitted into the ends of the case and supporting the end walls of the shell and closing the latter to form an inner closed receptacle and having the edges of their flanges supported by the end closures of the case to space the inner closed receptacle from both ends of the outer case.

2. A packing box, comprising the combination of an outer case, an inner open ended shell, spacing elements between the case and shell, closure elements for the ends of the shell, and spacing elements between the closure elements and both ends of the outer case, substantially as described.

3. A packing box for globes comprising the combination of an outer case, an inner open ended shell of less depth than the outer case, corner spacing elements between the case and shell, closure elements for the ends of the shell, and spacing elements between the closure elements and both ends of the outer case, substantially as described.

In testimony whereof I have hereunto signed my name.

JOSEPH C. McMENAMIN.

Witnesses:

G. H. PIERCE,
CLIFFORD K. CASSEL.