No. 719,612. PATENTED FEB. 3, 1903.

D. H. RUSSELL.

PACKING FOR BOTTLES OR GLASSES.

APPLICATION FILED NOV. 10, 1902.

NO MODEL.

Fig. 1.

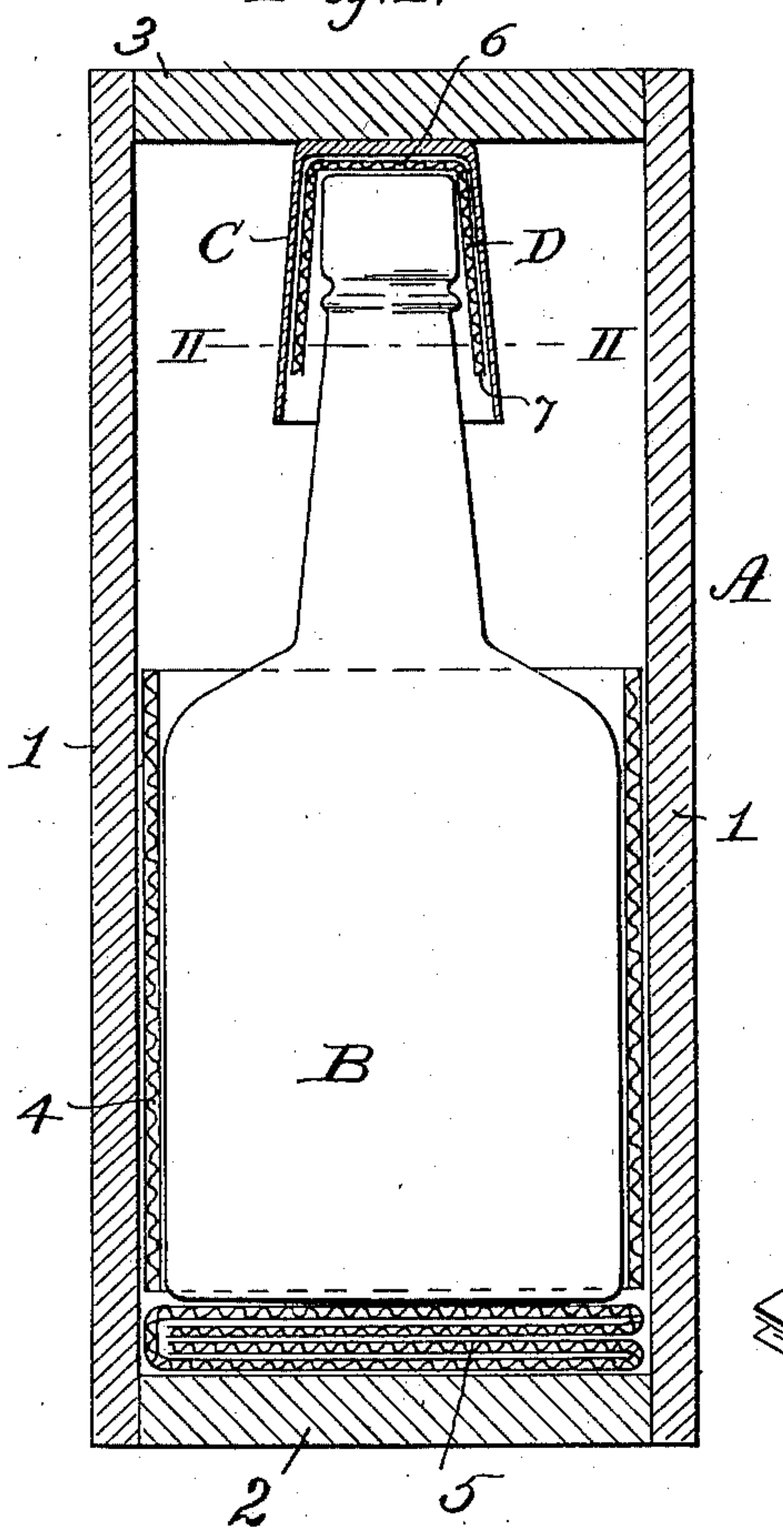


Fig. 2.

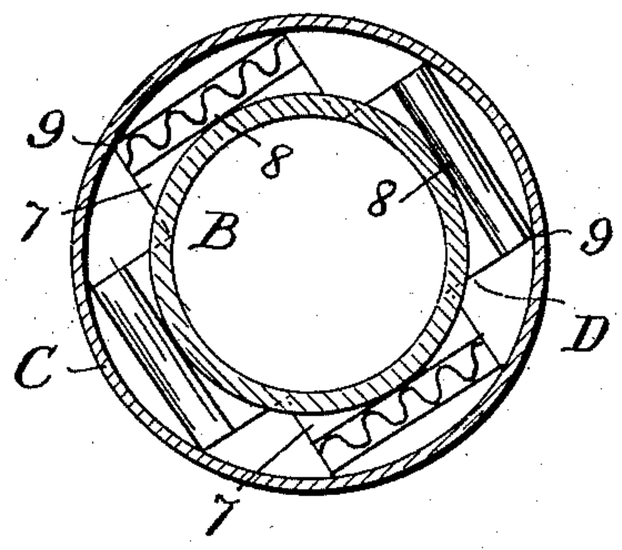


Fig. 3.

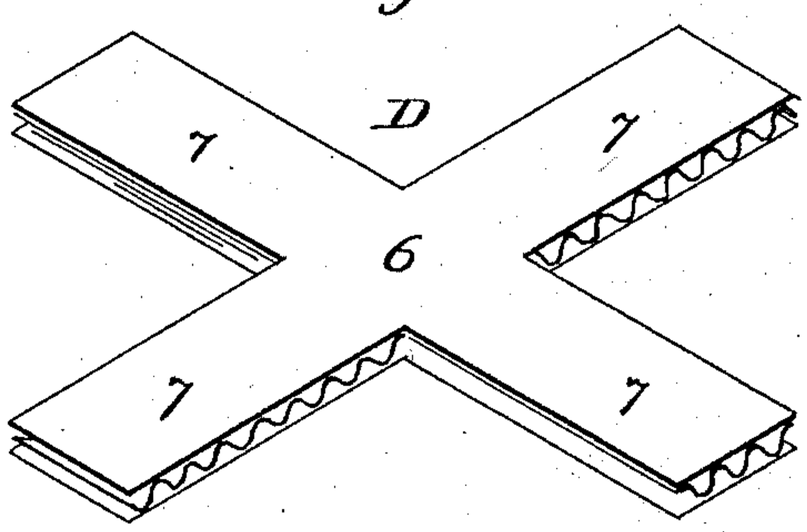
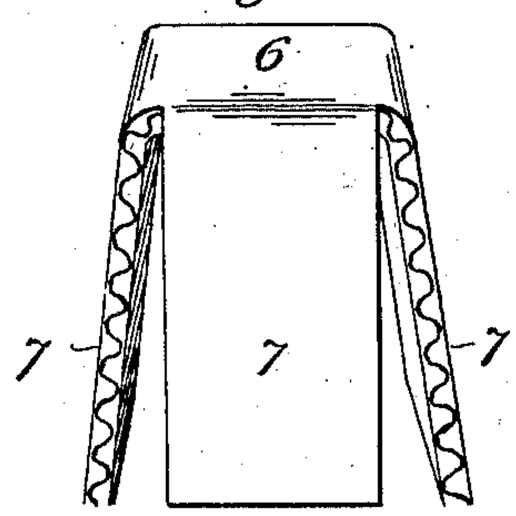


Fig. 4.



Witnesses
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UNITED STATES PATENT OFFICE.

DANIEL HYLAND RUSSELL, OF LOUISVILLE, KENTUCKY.

PACKING FOR BOTTLES OR GLASSES.

SPECIFICATION forming part of Letters Patent No. 719,612, dated February 3, 1903.

Application filed November 10, 1902. Serial No. 130,760. (No model.)

To all whom it may concern:

Be it known that I, DANIEL HYLAND RUSSELL, a citizen of the United States, residing at Louisville, in the county of Jefferson and State of Kentucky, have invented certain new and useful Improvements in Packing for Bottles or Glasses; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

My invention relates to means for packing bottles and glasses together, to the end that a drinking-glass may be shipped with a bottle without danger of breakage and with no more trouble or expense than is involved in the shipment of the bottle alone.

The invention consists in the parts and combinations thereof hereinafter set forth and claimed.

In order to make the invention more clearly understood, I have shown in the accompanying drawings means for carrying the same into practical effect without limiting my improvements in their useful applications to the exact construction which for the purpose of illustration I have delineated.

In said drawings, Figure 1 is a vertical sectional view, partly in elevation, of a packing means for a bottle and glass embodying my improvement. Fig. 2 is a horizontal section on line II II, Fig. 1. Fig. 3 is a perspective view of the carton, which is to be interposed between the glass and bottle in its original or unfolded form. Fig. 4 is a perspective view of the carton in the form which it assumes in use.

Referring to the drawings, A is a case, ordinarily of wood, having sides 1, bottom 2, and top 3.

B is the bottle, which is usually surrounded at the sides by a packing material 4, such as a three-ply cardboard having its middle layer corrugated in a known manner. 5 is a sheet of similar material interposed between the bottom of the bottle and the bottom piece 2 of the case.

C is the drinking-glass, arranged in an inverted position on the top of the bottle, as shown, so as to inclose the bottle mouth or seal.

D is the carton, made of the described material and having a central part 6 and wings or extensions 7. This carton is cut in one piece from a sheet of the material, so that the wings 7 are all integral with the central part 6. Said wings are preferably four in number, as shown; but my invention is not limited to any precise number of such wings. In packing the bottle the carton is applied with its central part 6 over the bottle-mouth, with the wings 7 extending horizontally therefrom, and the glass is applied with its edge around and outside of such central part and bearing on the inner parts of the wings. The glass is then pressed firmly down, bringing the parts into the positions shown in Figs. 1 and 2 and forming the carton into the shape shown in Fig. 4. The bottle and glass are then inserted into the case A, with the bottom of the glass bearing directly against the top 3, and the open side of the case closed and secured. If the top 3 is the cover or last part of the case to be applied, the bottle and glass are inserted endwise into the case and the part 3 pressed down on the bottom of the glass and secured to the sides 1. The parts are of such relative dimensions and the carton of such resilient character that the wings 7 tend to spring outward in all directions against the glass. The inner surfaces 8 of the wings bear on the bottle-neck, while the glass is engaged interiorly by the angles 9 of the folded carton, Fig. 2.

The carton applied as described forms an efficient protection against longitudinal shocks to both the glass and bottle, the tendency of the folded wings 7 being to force the glass off from the bottle-neck against the case portion 3.

What I claim, and desire to secure by Letters Patent, is—

1. In a packing for glasses and bottles combined, the winged carton of thick resilient material interposed between the bottle-neck and the glass with its wings at the sides of the bottle-neck, substantially as described.

2. The combination of the case, the bottle and inverted glass therein, and the winged carton interposed between the bottle-neck

and the interior of the glass, the bottom of the glass bearing on the top of the case, substantially as described.

3. The combination of the bottle, the inverted glass thereon, and the winged carton folded as described and having its arms bearing at their interior faces 8 on the exterior of the bottle-neck and their angles 9 bearing on the interior of the glass, substantially as described.

4. The carton for packing bottles and glasses, of three-ply corrugated cardboard having the central part 6 and the wings 7 integral with the central part, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

DANIEL HYLAND RUSSELL.

Witnesses:
H. C. HENNINGS,
VINCENT COX.