Oct. 6, 1925. 1,556,280

J. BERG

TRUNK

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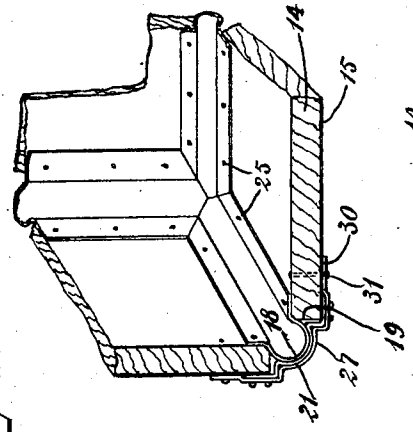


Fig. 2.

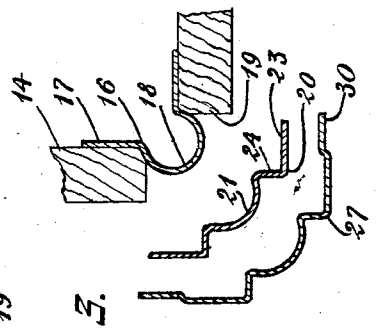


Fig. 3.

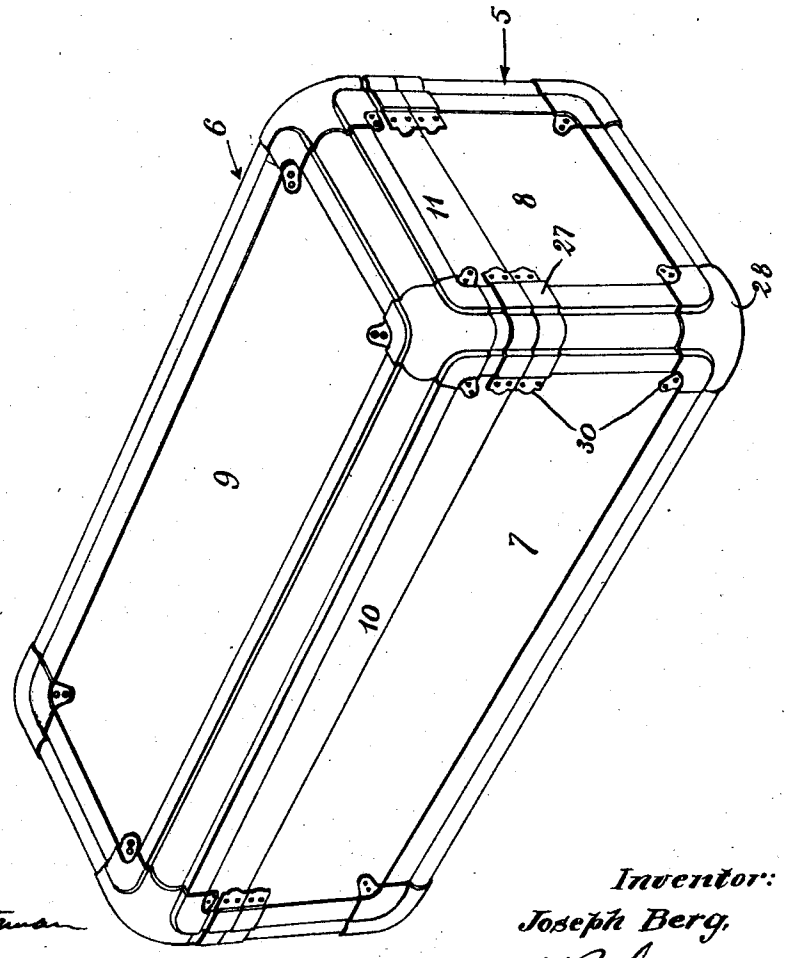


Fig. 1.

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UNITED STATES PATENT OFFICE.

JOSEPH BERG, OF BROOKLYN, NEW YORK.

TRUNK.

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To all whom it may concern:

Be it known that I, JOSEPH BERG, a citizen of the United States, residing in Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Trunks, of which the following is a specification.

This invention relates to trunks or containers and reinforcements or corner connecting means therefor, though it is noted that the invention is not limited to trunks nor containers nor in some respects even to connecting means.

One object of the invention is to provide, in a device of this kind a corner connecting means of strong, protective and weather proof construction.

Another object of the invention is to provide a device of this kind which is easily applied, is of sightly construction, and very efficient in protecting the trunk against breakage.

Another object of the invention is to provide a corner device of this kind which prevents the side walls of the container from splitting or the corner connecting means from pulling apart from the wall.

Other objects of the invention are to improve generally the simplicity and efficiency of such devices and to provide a device of this kind which is extremely durable, economical to manufacture and assemble and which will not wear out or get out of order.

The inventive features for the accomplishment of these and other objects are shown in connection with an improved corner connecting means for the walls of trunks, which, briefly stated, comprises an inner molding or plate having margins secured against the inner margins of the walls, and an outer plate having marginal parts secured against the outer margin of the adjacent walls. Reinforcements and protectors bridge over the outer moldings and are secured to the walls at the ends of the moldings.

Other objects of the invention will appear as the description proceeds; and while herein details of the invention are described, the invention is not limited to these, since many and various changes may be made without departing from the scope of the invention as claimed.

In the accompanying drawing, showing by way of example, one of many possible embodiments of the invention,

Fig. 1 is a perspective view of a trunk with the connecting means, reinforcements and protectors applied.

Fig. 2 is a fragmental perspective of a corner of the trunk with the invention applied; and

Fig. 3 is a fragmental transverse sectional view, taken through the various parts slightly separated.

My improved connecting means is shown herein in combination with a trunk or other container having a box portion 5 comprising a bottom and side and end walls 7 and 8, and a lid portion 6 comprising a top wall 9 and side and end walls 10 and 11. Each of said walls comprises a veneered wooden body 14 (Fig. 2) and an outer sheathing 15 of sheet metal, waterproof fabric or the like, though other materials may be used, and the invention is not limited to an outer sheathing.

The connecting means at each edge of the container includes an inner molding or strip 16 of approximate U-shaped cross section having diverged margins 17 secured against the inner margin of the respective adjacent walls 14, the curved intra-marginal part 18 of the moldings being disposed between and spacing the edge faces 19 of the walls. An outer molding or strip 20 is provided with a curved mid part 21 nesting on said intra-marginal part 18, an offset marginal part 23 secured against the outer margin of the adjacent walls 14 or the sheathing 15, and a shoulder portion 24 between the mid part 21 and marginal parts 23 disposed adjacent to the outer portion of the end face 19 of the walls. Rivets 25 passing through said margins and marginal parts secure the walls and moldings together.

Reinforcements 27 and corner protectors 28 bridging over and conforming to the outer faces of the ends of the outer moldings 20 are provided with inset perforated extensions or ears 30 secured by rivets 31 to the respective adjacent walls.

I claim:

1. In a container of the character described, in combination, adjacent walls spaced apart in angular relation at their edge portions, means for bridging the space between said walls secured to the inner surfaces of adjacent edge portions of the walls and having an arcuate portion in cross section located in the space between the walls, and means for reinforcing the bridging means secured to the outer surfaces of

adjacent edge portions of said walls and having an arcuate portion in cross section conformably overlying the arcuate portion of the bridging means.

2. In a container of the character described, in combination, adjacent walls spaced apart in angular relation at their edge portions, means for bridging the space between said walls secured to the inner surfaces of adjacent edge portions of the walls and having an arcuate portion in cross-section located in the space between the walls, means for reinforcing the bridging means secured to the outer surfaces of adjacent edge portions of said walls and having an arcuate portion in cross-section conformably overlying the arcuate portion of the bridging means, and means arcuate in cross-section secured to the outer surfaces of the adjacent walls and conformably overlying the arcuate portion of the reinforcing means for reinforcing said means at each of the ends of the adjacent walls.

3. In a container of the character described, in combination, adjacent walls spaced apart in angular relation at their edge portions, a member having in cross section an arcuate portion bridging the space between the walls and having straight end portions on the ends of the arcuate portion secured to the inner surfaces of adjacent edge portions of the walls, a member having in cross-section an arcuate portion conformably overlying the arcuate portion of the first member and having offset straight end portions at the ends of the arcuate portion secured to the outer surfaces of adjacent edge portions of said walls, and a corner-cap having in cross-section an arcuate portion conformably overlying the arcuate portion of the second member and having offset straight portions at the ends of the last mentioned arcuate portion overlying the offset end portions of the second member and having straight end portions inset at the ends of said offset straight portions secured to the outer side surfaces of said walls.

4. In a container of the character described, in combination, adjacent walls spaced apart in angular relation at their edge portions, means secured to the inner surfaces of adjacent edge portions of said walls and having an outwardly extended portion located in the space between the walls for bridging the space between the walls, and means for reinforcing the first means secured to the outer surfaces of adjacent edge portions of said walls and having a portion conformably overlying the outwardly extended portion of the bridging means.

5. In a container of the character described, in combination, adjacent walls spaced apart in angular relation at their edge portions, a member having in cross-section an arcuate portion located in the space between the walls and bridging said space and having straight end portions at the ends of the arcuate portion secured to the inner surfaces of adjacent edge portions of said walls, and a member having in cross-section an arcuate portion conformably overlying the arcuate portion of the first member and having offset straight end portions at the ends of the arcuate portion secured to the outer surfaces of adjacent edge portions of said walls.

6. In a container of the character described, a corner cap having in cross-section an arcuate mid portion and having offset straight portions at the ends of the arcuate portion and having inset straight end portions at the ends of said offset straight portions.

7. In combination, in a trunk or other container, a box portion comprising a bottom wall and side and end walls; a lid portion comprising a top wall and side and end walls; each of said walls comprising a veneered wooden body and an outer sheathing of sheet metal, waterproof fabric or the like; connecting means at each edge of the container comprising an inner molding of approximate U-shaped cross section having diverged margins secured against the inner margin of the respective adjacent walls, the curved intra-marginal parts of the molding being disposed between and spacing the inner edge of the walls; an outer molding having a curved mid part nesting on said intra-marginal part, an offset marginal part secured against the outer margin of the adjacent walls, and shoulder portions between the mid part and marginal part disposed adjacent to the outer portion of the end face of the walls; rivets passing through said margins and marginal parts for securing the walls and moldings together; and reinforcements and corner protectors bridging over and conforming to the outer faces of the ends of the outer moldings and provided with inset perforated extension ears secured by rivets to the respective adjacent walls.

JOSEPH BERG.