Sept. 14, 1926. 1,599,436

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CASKET

Filed August 9, 1924

Fig. 1.

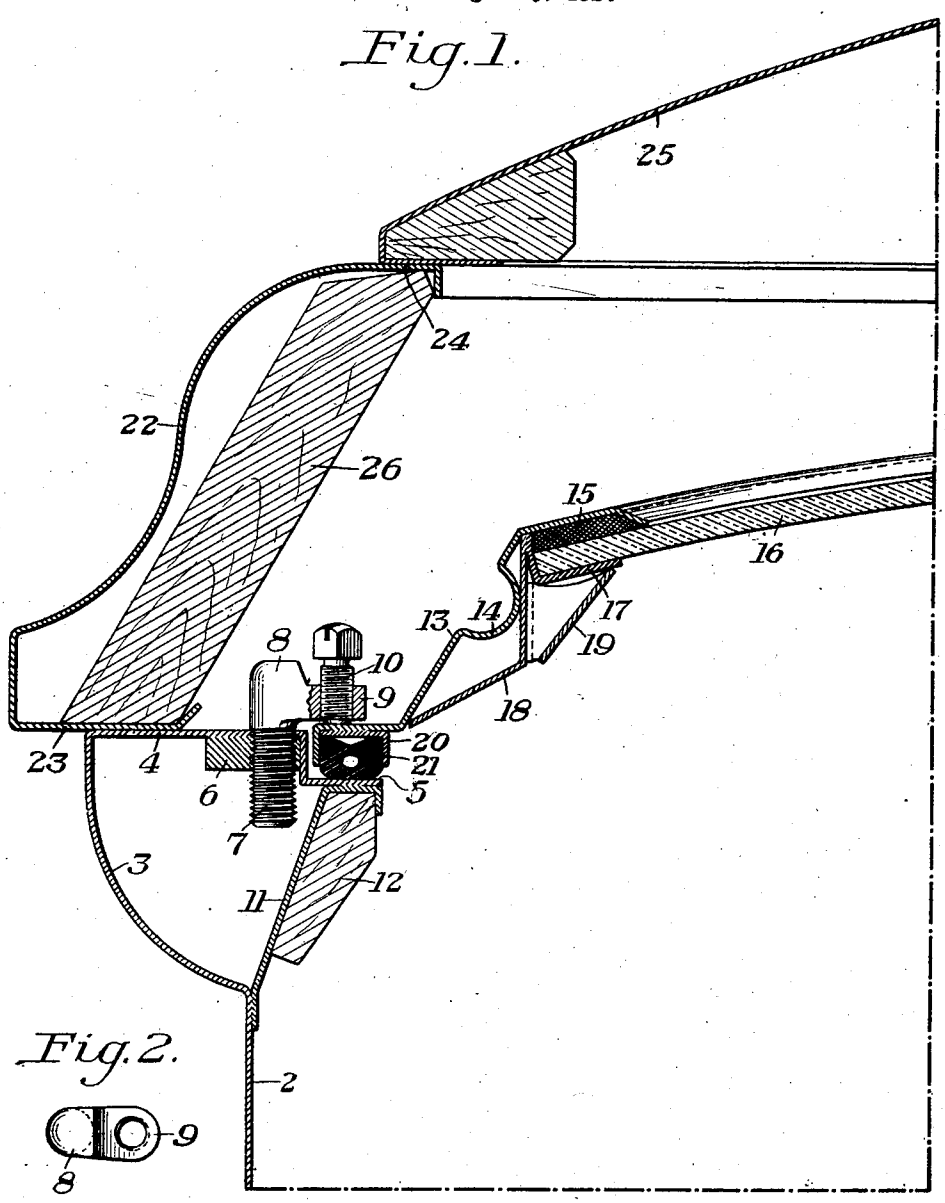
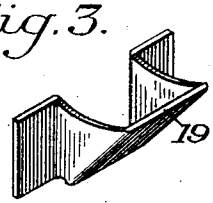


Fig. 2.

Fig. 3.



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Patented Sept. 14, 1926. 1,599,436

UNITED STATES PATENT OFFICE.

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CASKET.

Application filed August 9, 1924. Serial No. 731,033.

The present invention relates broadly to caskets, and more particularly to metal caskets and to improved means for effectively reinforcing and sealing the same.

At the present time considerable difficulty is experienced in the use of metal caskets in obtaining a structure insuring a tight joint both between the glass and the inner cover of the casket, and between the inner cover and the main body of the casket. The present invention provides an improved structure whereby these results are effectively and easily obtained.

In the accompanying drawings there is shown, for purposes of illustration only, a preferred embodiment of the present invention, it being understood that the drawings do not define the limits of my invention as changes in the construction and operation therein disclosed may be made without departing either from the spirit of the invention or the scope of my broader claims.

In the drawings:—

Figure 1 is a transverse sectional view through a portion of a metal casket constructed in accordance with the present invention;

Figure 2 is a top plan view of a portion of one of the clamps, the clamping screw being removed therefrom, and

Figure 3 is a perspective view of one of the reinforcing brackets for the glass carried by the inner cover.

In carrying out the present invention, strips of suitable metal are formed in such manner as to provide upstanding edges 2, forming the sides and ends of the casket. The upper edges of the sides and ends are then preferably bowed outwardly to provide a bead 3 and then inwardly to provide a shoulder 4 for the outer cover. The inner edge of this shoulder is then bent downwardly and inwardly to form a sealing ledge 5, both the shoulder and the sealing ledge preferably being of considerable width and substantially flat.

Secured to the under side of the shoulder 4 is either a reinforcing strip 6 or a plurality of blocks of metal adapted to provide sufficient thickness to permit threading for the reception of the threaded portion 7 of a clamp 8 having a horizontal projection 9, carrying the clamping screw 10. By reason of the threaded portion 7, it will be understood that the clamp may be swung into any desired position, as may be required, and also adjusted vertically to the desired point. For reinforcing the ledge 5, there is provided a continuous brace 11 for both the sides and ends, which brace is secured at its lower edge to the body of the casket below the bead 3 and at its upper edge to the under side of the ledge 5. This brace at its upper edge is preferably bent inwardly and downwardly for further stiffening the same and to provide a recess for the reception of a tacking strip 12 for holding the material with which the casket is lined.

The inner cover comprises a strip of material 13 preferably having its ends joined to form a continuous substantially rectangular body of the required size. The intermediate portion of the strip extends angularly as indicated in the drawing, and is provided with a reinforcing inwardly extending corrugation 14. The lower edge of the strip 13 is bent horizontally and then downwardly, the horizontal portion having a width which roughly approximates the width of the ledge 5. The upper edge of this strip is bent inwardly at a slight angle to the horizontal and thence downwardly at an obtuse angle to form a pocket for the reception of a packing medium 15. This packing medium preferably comprises uncured rubber which will contact with the glass 16 to form a tight joint therewith, the glass being further sealed in position by a soft lead corner-piece 17.

For further reinforcing the strip 13 and providing additional support for the glass 16, there is provided an angular brace 18, which may be secured at its upper edge to the strip 13 and at its lower edge to the strip 13. At suitable points throughout the length of this reinforcing brace, there may be welded reinforcing brackets 19 of the construction indicated in Figure 3, adapted to project under a considerable portion of the edge of the glass and support the same while holding the lead strip in position.

The horizontally extending portion of the strip 13 has secured to its under side an angle piece 20, adapted to form a channel for the reception of a packing 21, which packing is preferably of cured rubber adapted to engage the flat upper surface of the sealing ledge 5.

After the inner cover has been placed in

position on the casket with the sealing rubber 21 continuously in contact with the ledge 5, the clamps 8 are swung to bring the horizontal projections 9 over the channel containing the rubber 21. Thereafter, the clamping screws 10 are screwed downwardly to tightly compress this rubber and form a tight seal for the inner cover, the width of the ledge 5 insuring a tight joint at this point. Distortion of the ledge 5 is prevented by the provision of the brace 11 which directly supports the same and takes the pressure of the clamping screws 10 of the respective clamps.

The outer cover may be of any desired construction, but preferably comprises a peripherally extending portion 22 having a broad supporting surface 23, adapted to engage the shoulder 4 and having an inwardly extending upper portion 24 to receive the top 25. Preferably, the piece 22 is shaped to receive a reinforcing and tacking strip 26, for the lining, which is normally placed within the outer cover.

The advantages of the present invention arise from the provision of a metal casket construction of such nature that an efficient seal may be easily produced not only between the inner cover and the glass, but also between the inner cover and the body of the casket.

I claim:—

1. In a casket, a metallic body having its upper edge bent inwardly to provide a sealing ledge, a brace directly supporting said ledge, said brace being secured to the body and forming a chamber between the same and said body, a cover having a sealing means engaging said ledge, and means extending into said chamber for compressing said sealing means into sealing engagement with the ledge, said sealing means also sealing said chamber from communication with the interior of the casket, substantially as described.

2. In a casket, a metallic body having its upper edge bent inwardly to provide a sealing ledge, a brace directly supporting said ledge, said brace being secured to the body and forming a chamber between the same and said body, a cover having an inverted channel, a body of sealing material in said channel for cooperation with said ledge, and means extending into said chamber for compressing said sealing means into sealing engagement with the ledge, said sealing means also sealing said chamber from communication with the interior of said casket, substantially as described.

3. In a casket, a metallic body having its upper edge bent inwardly to provide a sealing ledge, a brace secured to the body and directly supporting said ledge, a cover having sealing means engaging said ledge, a clamp movable into and out of position overlying said cover for compressing said sealing means into sealing engagement with the ledge, and a clamping screw carried by said clamp and engaging said cover, substantially as described.

4. In a casket, an inner cover comprising a metallic supporting frame, a body of yielding material within said frame, a glass body engaging said yielding material, a lead corner strip embracing the edges of the glass body and a portion of the glass adjacent said edges, and bracing means for said lead corner strip directly engaging the body of lead, said corner strip forming a yielding support between the glass and the bracing means, substantially as described.

5. In a casket, an inner cover comprising a metallic supporting frame, a body of uncured rubber within said frame, a glass body engaging said rubber, a lead corner strip embracing the edges of the glass and a portion of the glass adjacent said edges, and bracing means for said cover cooperating with said frame and said corner strip respectively, said corner strip forming a yielding contact between the bracing means and the glass, substantially as described.

In testimony whereof I have hereunto set my hand.

FRANK W. SALISBURY.