

No. 809,573.

PATENTED JAN. 9, 1906.

M. S. LEECH.
BURIAL CASKET.

APPLICATION FILED AUG. 21, 1905.

Fig. 1.

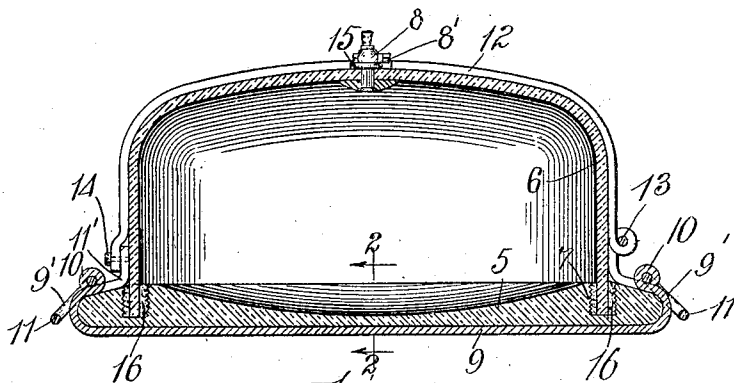


Fig. 2.

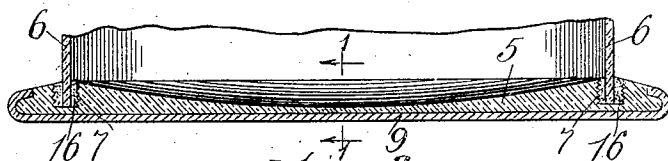


Fig. 3.

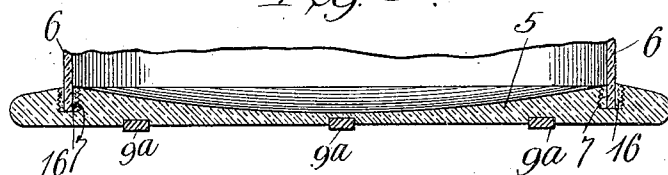
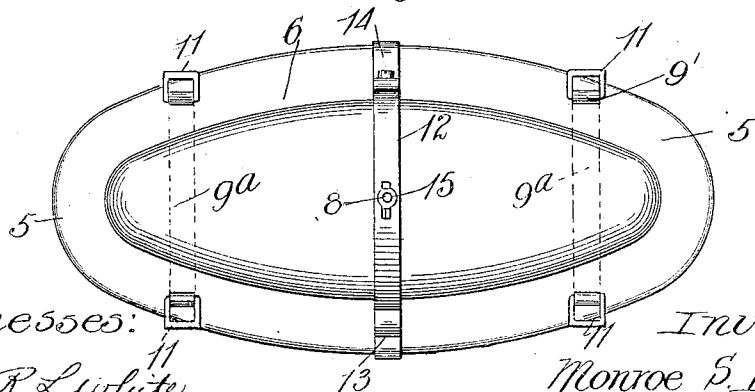


Fig. 4.



Witnesses:
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UNITED STATES PATENT OFFICE.

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BURIAL-CASKET.

No. 809,573.

Specification of Letters Patent.

Patented Jan. 9, 1906.

Application filed August 21, 1905. Serial No. 274,999.

To all whom it may concern:

Be it known that I, MONROE S. LEECH, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Burial-Caskets, of which the following is a specification.

My invention relates to improvements in burial-caskets, and has among its salient objects to provide a sanitary casket composed principally of glass or other plastic moldable material of impervious quality adapted to be hermetically closed and sealed and susceptible of retaining a partial vacuum; to provide reinforcement for a construction such as described whereby it is given great strength; to provide suitably for the attachment of handles or other carrying instrumentalities to the casket, and to provide retaining and reinforcing means for the removable top of the casket.

In the drawings, wherein I have illustrated a suitable embodiment of my invention, Figure 1 is a transverse vertical section thereof through on line 1 1 of Fig. 2. Fig. 2 is a longitudinal vertical section of the lower portion of the casket, taken on line 2 2 of Fig. 1. Fig. 3 is a similar section of a modified form of my invention, and Fig. 4 is a plan view of a casket embodying my invention.

Throughout the drawings like numerals of reference refer always to like parts.

In said drawings, 5 and 6 indicate, respectively, a base portion and a cover portion of the sanitary casket, preferably both composed of bodies of glass suitably shaped, the body 5 being provided with a channel 7 in its upper face suitably shaped to receive the lower edge of the cover portion 6. Preferably the said lower edge of the part 6 and the interior surfaces of the channel 7 are serrated or otherwise roughened to afford gripping-surfaces to cement or other binding material.

At some suitable point in the cover 6 a valve 8 is preferably provided, said valve extending to the exterior of the casket and being provided with a nozzle suitable for the reception of proper means for exhausting air from the interior of the receptacle. Preferably the form of valve is such as to provide at the exterior of the top 6 a portion 8', suitable to serve as an abutment to prevent longitudinal movement of a strap to be described.

The base 5 of the casket is reinforced with

metal, the metal reinforcing means extending transversely of and below the base from side to side thereof and overlying the side edges, as shown at 9'. Preferably suitable portions of the reinforcement 9 are formed into hinge-sockets 10 for suitable handles 11, and preferably at points in lateral alinement with the valve 8 projections 10' 10' are extended vertically to afford means for attachment of the cover reinforcing and retaining strap 12. Said strap is at one end preferably hinged, as at 13, to a projection 10' of the base reinforcement and at its other end arranged to be secured—as, for example, by a screw 14—to the opposite projection 10'. Preferably the reinforcing and retaining strap 12 is cut out, as at 15, to receive the valve 8 and laterally bear against its portion 8', so that the said strap 12 is positively positioned relative to the cover.

It will be apparent that the base-reinforcing member 9 may, as shown in Fig. 2, extend longitudinally of the base from end to end thereof and at its ends be intumed to overlie the end extremities of the base portion 5; but if it be desired to lighten the structure the reinforcement may be provided by transverse bands 9^a, molded into the base 5 and projecting below the same, as shown in Figs. 3 and 4.

In the use of a casket such as that herein described the body is placed in position, the cover applied, and a cement body, as shown at 15, run into the channel 7 to effect a tight joint between the cover and the base, and the air may then be exhausted through the valve 8, after which the valve is closed. Now the retaining and reinforcing strap 12 is swung to closed position and secured by the screw 14 or other suitable fastening means. In its closed position the aperture 15 of the strap coats with the valve 8 to prevent the strap from moving and to retain the cover securely in place even should the cement 16 be omitted or fail to set. Furthermore, it is obvious that the arrangement of the handles in conjunction with the reinforcing strap or plate provides ready means for transporting the casket by hand without danger of breakage of the base-plate and protects the base-plate when the casket is set down or moved about.

Having thus described my invention, what I claim, and desire to secure by Letters Patent of the United States, is—

1. In a casket, a flat glass base thicker near

its outer edge, a glass cover interfitting with said base, and a metallic reinforcing means underlying said base and intumed over the edges thereof to protect the same.

- 5 2. In a casket, a flat glass base thicker near its outer edges provided with a channel in its thickest portion, a glass cover interfitting in said channel, a metallic reinforcing means extending under the base, and intumed over
10 the edge thereof.

3. In a casket, a flat glass base thicker near

its outer edges, a glass cover, metallic reinforcing means extending under the base and intumed over the edges thereof, and handles secured to the intumed portion of said metallic reinforcing means. 15

In testimony whereof I hereunto set my hand in the presence of two witnesses.

MONROE S. LEECH.

In presence of—

FORÉE BAIN,

GEORGE L. CHINDAHL.