

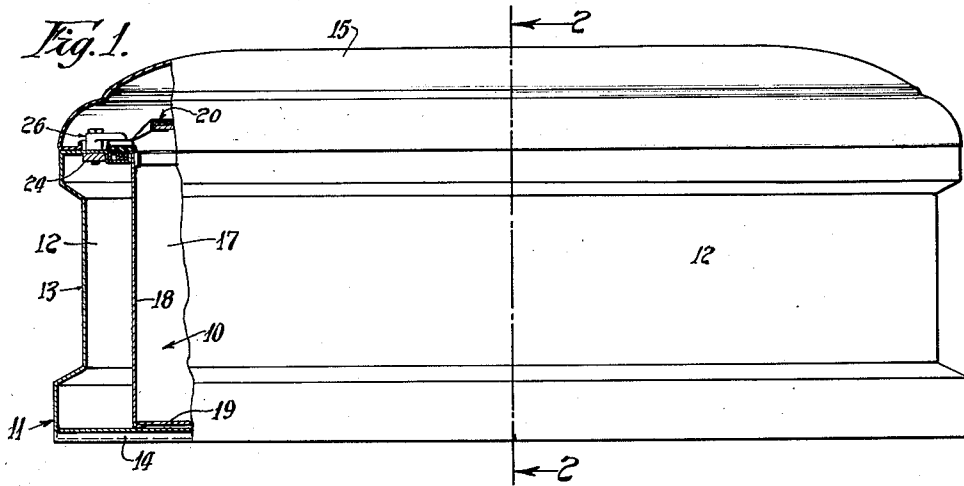
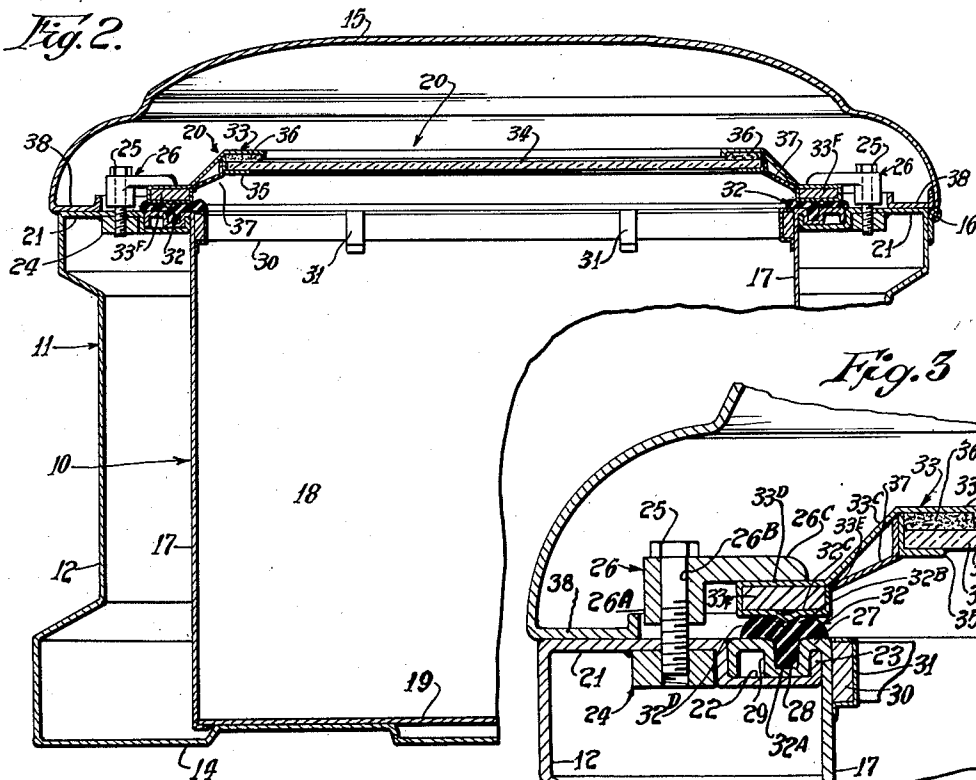
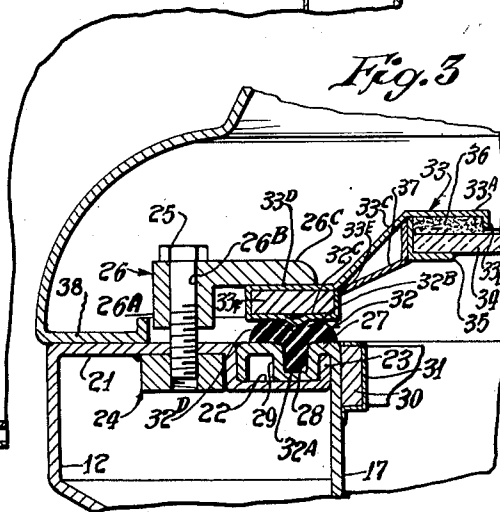
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E. M. STROM

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BURIAL CONTAINER OR CASKET

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Witness:
E. Camporini

By:

Inventor:
Edward M. Brom,
Frank Schraeder Jr

Attorney.

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BURIAL CONTAINER OR CASKET

Edward M. Strom, Chicago, Ill., assignor to Central Metallic Casket Co., Chicago, Ill., a corporation of Illinois

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10 Claims. (Cl. 27-17)

This invention relates generally to burial containers or caskets and has particular reference to metal caskets having an inner metal container of a novel construction and provided with novel means for hermetically sealing same.

Heretofore, many of the sealed inner containers were ineffective in the means provided for hermetically sealing same. In some constructions the sealing means or gasket was attached to the movable cover and unless great care was taken in its handling the gasket would become loosened or displaced so that its sealing function was impaired. In other instances, the clamping or securing means were connected with bolts or other means which passed through the body or wall of the inner container thus providing openings around such bolts which were difficult and expensive to seal.

One of the objects of my invention is to provide clamping means supported entirely exteriorly of the walls and cover of the inner container and to so construct and seal the various parts of the body and cover of the inner container that the only portion required to be sealed after repose of the body of the deceased therein is the joint between the marginal rim of the cover and the upper rim of the side and end walls of the container.

Another object of my invention is found in the novel sealing gasket and in the design and arrangement of the parts for supporting the sealing gasket on the upper rim of the walls of the inner container.

Still another object of my invention resides in the provision of a bead on the lower face of the marginal rim of the cover which is adapted to be imbedded in the sealing gasket to thereby increase the effectiveness of the seal therebetween.

A further object of my invention resides in the novel construction of the cover for the inner container and in the novel construction of the upper rim of the walls of the inner container which novel features tend to increase the effectiveness of the sealing therebetween and the structural properties thereof.

A further object of my invention is found in the novel construction of the upper rim of the walls of the outer case which is adapted to securely support spaced clamping means and which rim is designed or formed to receive and support the peripheral channeled edge of the upper rim of the walls of the inner container and to confine the inner container against lateral displacement.

With the above and other objects in view, my

invention consists in the novel combination, construction and arrangement of the parts and members shown in preferred embodiment in the attached drawing, described in the following specifications and particularly pointed out in the appended claims.

In the attached illustrations,

Fig. 1 is a side elevation of a casket embodying my invention; a portion of the figure being broken away to show details of the construction.

Fig. 2 is an enlarged cross-section taken on line 2-2 of Fig. 1, and

Fig. 3 is a still further enlarged cross-section through the upper portions of the side or end walls of the casket.

For purposes of illustration the invention as shown in the drawing is applied to a metal casket and it will be understood that the invention may readily be applied to wood caskets or burial containers of other materials.

In the illustrations, the inner container is generally designated by numeral 10 and the outer container by 11.

The outer metallic container 11 includes the side walls 12, end walls 13, bottom 14 and a cover 15 hinged at 16 to the side wall 12.

The inner metallic container 10 includes the side walls 17, end walls 18, bottom 19 and a cover generally designated by numeral 20.

Obviously the sides and ends of the walls as well as the cover of the outer case or container may be shaped to conform to any suitable or desired exterior design.

As shown in the attached drawing, the upper rim 21 of the side and end walls of the outer container 11 is bent right-angularly inwardly and then downwardly and inwardly and upwardly to form a channeled recess 22 one side of which is defined by the upstanding inner edge portion 23 of rim 21.

The horizontal outer portion of the rim 22 constitutes a supporting ledge for the outer cover 15.

The inner or under-side of the face of the rim ledge 21 is preferably reenforced with a bar 24 soldered or welded in place adjacently to one side of the recess 22. This bar 24 extends under the rim ledge of the side and end walls and at spaced intervals is threaded to receive the tightening bolts 25 of the clamps 26.

The clamp 26 constitutes a vertically disposed portion 26^A having a tubular passage 26^B, adapted to slidably receive the tightening bolt 25, and an integral laterally disposed clamping arm 26^C.

As illustrated in the attached drawing, the

upper marginal rim 27 of the side and end walls of the inner container 10 is bent and extended right-angularly outwardly then downwardly, then outwardly, then upwardly, then outwardly and

5 downwardly to form a cross-section constituting substantially a pair of reversedly disposed adjacent channeled recesses 28 and 29 which interfit within the recess 22 of the marginal rim of the outer container 11.

10 A wood nailing strip 30 for attaching upholstery is provided near the top of the walls of the inner container. This nailing strip 30 is secured to the metal walls by spaced narrow metal straps 31 soldered to the walls 17 and 18.

15 The inner container 10 is provided with a sealing gasket 32 extending the full length of the marginal rim of the side and end walls. The gasket 32 may be of any suitable cross-section, however, the preferable gasket indicated in the drawing consists of a strip of resilient material such as, for example, rubber of a cross-section comprising a lower stem portion 32^A of substantially rectangular section having an enlarged upper integral head portion 32^B of increased

20 cross-section formed with a flattened top face 32^C and curved or beveled sides 32^D. If desirable the sides of the stem portion 32^A may be slightly tapered downwardly to afford a wedge-like fitting of same in the recess 27.

30 The gasket stem 32^A is adapted to be forcibly pressed into secured position within the channeled recess 27 of the marginal rim of the inner container 10 so that the extended sides of the head 32^B firmly engage the upper faces of the horizontal sections of the marginal rim of the inner container thus providing a sealing contact with five angularly disposed faces of such marginal rim.

40 The cover 20 may be described as comprising a rim member generally designated by 33 and including a horizontal portion 33^A having a flanged downwardly bent side portion 33^B and an opposite side portion comprising an angularly, downwardly and outwardly disposed portion 33^C terminating in clamp-engageable marginal sides and ends of substantially rectangular cross-section, designated in the drawing by numeral 33^D, and adapted to embrace a metal reinforcing bar 33^E of rectangular cross-section.

50 The edge of the upstanding portion 33^E is soldered or welded to the inner face of the angularly disposed portion 33^C.

The cover 20 is provided with a glass panel 34 supported between the flanged side 33^B and a member 35 of angular cross-section soldered or welded to the rim portion 33^A and set in suitable sealing cement indicated by numeral 36.

60 The cover rim portion extending between the clamp-engageable sides and ends and the glass-retaining angle 35 is preferably reinforced by an angularly bent plate 37 having its sides soldered or welded respectively to the end of portion 33^E and the angular member 35.

In order to secure a more effective seal between the lower face of the clamp-engageable portion 33^D and the face 32^C of the gasket 32, I prefer to form such lower face of the clamp-engageable portion 33^D with a bead of preferably V section which will become embedded into the

70 face 32^C of the gasket when the cover 20 is mounted on the inner container 10 and clampingly pressed into sealing position by the clamp arms 26^C upon tightening of the clamp bolts 25.

75 As clearly shown in the drawing, the outer container cover 15 is formed with an inwardly bent

flanged marginal rim 38 which is adapted to be supported on the horizontal ledge portion 21.

It is understood that various changes and modifications may be made in construction of parts and members and in their sizes or proportions within the scope of the appended claims without departing from the spirit of my invention.

For purposes of brevity, the side and end walls of the containers are designated in the claims by the term "walls", unless specifically required to be distinguished one from the other; and the term "burial casket" embraces any burial container such as, for example, one made of metal, wood or concrete, except where specifically defined, as obviously my invention may be readily adapted to or applied to burial containers constructed of various materials.

I claim:

1. A burial container including an outer case, a ledge disposed inwardly of and on the walls of the outer case, a cover for said outer case, an inner case, a ledge disposed outwardly of and on the walls of the inner case having a gasket recess extending longitudinally thereof, a gasket supported in said gasket recess, said ledge of the outer case being arranged to confine said inner case against lateral displacement, a cover for said inner case adapted to rest on said gasket, and means supported on said outer case adapted to forcibly secure said inner-case cover to hermetically seal the inner case.

2. A burial container including an outer case, a ledge disposed inwardly of and on the walls of the outer case, a cover for said outer case, an inner case, a ledge disposed outwardly of and on the walls of the inner case adjacent to said outer-case ledge and having a gasket recess extending longitudinally thereof, a gasket supported in said gasket recess, said ledge of the outer case being arranged to confine said inner case against lateral displacement, a cover for said inner case adapted to rest on said gasket, and means supported on said outer case exteriorly of the walls and cover of the inner case and adapted to forcibly secure said inner-case cover to hermetically seal the inner case.

3. A burial casket comprising an outer container having walls including an inwardly disposed ledge with a recess extending longitudinally thereof, a cover for said outer container, an inner container having walls including an outwardly disposed ledge with a gasket recess extending longitudinally thereof, a gasket supported in said gasket recess, the recessed ledge portion of the inner container being adapted to interfit within the recess of the ledge of the outer container, a cover for said inner container having a marginal rim adapted to rest on said gasket, and clamping means supported on the outer container adapted to forcibly secure said inner container cover to hermetically seal the inner container.

4. A burial casket including an outer container, a ledge disposed inwardly of and on the walls of the outer container and having a recess extending longitudinally thereof, a cover for said outer container adapted to be supported on said ledge, an inner container, a ledge disposed outwardly of and on the walls of said inner container and having a gasket recess extending longitudinally thereof, the recessed ledge portion of said inner container being adapted to interlock within the recess of the ledge of the outer container, a gasket mounted in said gasket recess, a cover for said inner container having a marginal rim adapted to

rest on said gasket, and means supported on the outer container exteriorly of said inner container adapted to forcibly secure said inner-container cover to hermetically seal the inner container.

5 5. A metallic burial casket including an outer metallic container, a ledge formed integrally with and inwardly of the walls of said outer container and having a channeled recess formed therein near the inner marginal edge thereof, a cover for
10 said outer container adapted to be supported on said ledge, an inner metallic container, a ledge formed integrally with and outwardly of the walls of said inner container and having a longitudinally extending gasket recess therein, the recessed portion of the ledge of said inner container
15 being adapted to be interlocked within the recess of the ledge of said outer container, a gasket supported in said gasket recess, a cover for said inner container having a marginal rim adapted to rest on said gasket, and means supported on the
20 outer container for forcibly clamping the rim of said inner-container cover on said gasket to hermetically seal the inner container.

25 6. A metallic burial casket including an outer metallic container the upper rim of the walls of which are formed with an inwardly bent integral ledge having a longitudinally extending inwardly disposed channeled recess at its inner margin, a reinforcing member secured to the lower face of
30 said ledge between said channeled recess and its outer margin, a cover for said outer container supported on said ledge, an inner metallic container the upper rim of the walls of which are formed with an outwardly bent integral ledge
35 having a longitudinally extending inwardly disposed channeled gasket-retaining recess, the recessed portion of the ledge of the inner container being adapted to be interposed in interlocking position within the recess of the ledge of the outer
40 container, a resilient gasket supported in said gasket-retaining recess and the upper face of said gasket being disposed above the face of the inner container ledge, a cover for said inner container including a glass panel supported in a sheet metal
45 frame having a marginal rim formed of a bent marginal portion of said sheet metal frame with a reinforcing bar secured within said bent marginal portion, a plurality of spaced clamping members supported on tightening bolts having threaded engagement with said outer container ledge-reinforcing member, said inner container cover being
50 adapted to be positioned with its reinforced marginal rim resting on said upper face of said gasket and said clamping members being adapted

to be forcibly clamped onto said marginal rim of said inner container cover by said tightening bolts to thereby hermetically seal the inner container.

7. In a burial container as embodied in claim 5 1 and including said gasket of resilient material of a solid cross-section comprising a lower stem portion and an upper portion of enlarged cross-sectional area formed integrally with said stem portion, said upper enlarged portion above said
10 stem portion being of segmental cross-section, and a bead on the underside of said inner case cover adapted to be embedded in the upper portion of the segmental face of the gasket when the inner case cover is secured in sealing position. 15

8. A burial container comprising an outer case, a cover for said outer case, a separate inner case mounted within said outer case, a separate cover for said inner case, a gasket extending between
20 said inner case and its cover adapted to hermetically seal said inner case, and pressure-exerting means mounted exteriorly of said inner case and its cover without penetration of the walls thereof, adapted to secure said inner case cover onto said inner case to compress said gasket
25 and thereby cause a hermetic seal therebetween.

9. A burial container comprising an outer case, a cover for said outer case, a separate inner case mounted within said outer case, a separate cover for said inner case, a gasket extending between
30 said inner case and its cover adapted to hermetically seal said inner case, and pressure-exerting means mounted exteriorly of said inner case and its cover and supported on said outer case, adapted to secure said inner case cover onto
35 said inner case to compress said gasket and thereby cause a hermetic seal therebetween, said pressure-exerting means being so positioned relatively to said outer case that said means is concealed from exterior view when the cover for said
40 outer case is closed.

10. A burial container including an outer case, a cover for said outer case, an inner case, a ledge disposed outwardly of and around the walls of the inner case having a gasket recess extending longi-
45 tudinally thereof, a gasket supported in said gasket recess, means within said outer case adapted to confine said inner case against lateral displacement within the outer case, a cover for said inner case adapted to rest on said gasket, and
50 means supported on said outer case adapted to forcibly secure said inner-case cover to hermetically seal the inner case.

EDWARD M. STROM.