Jan. 13, 1931. F. L. TEMPLE 1,789,119

BURIAL VAULT

Filed May 17, 1930

FIG. 1

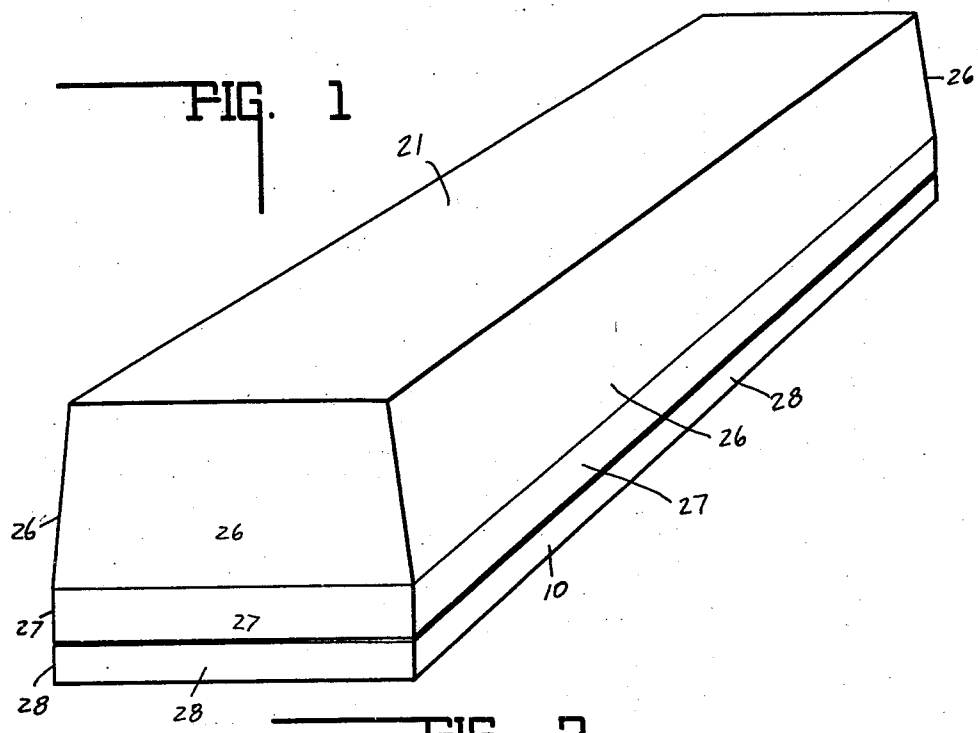
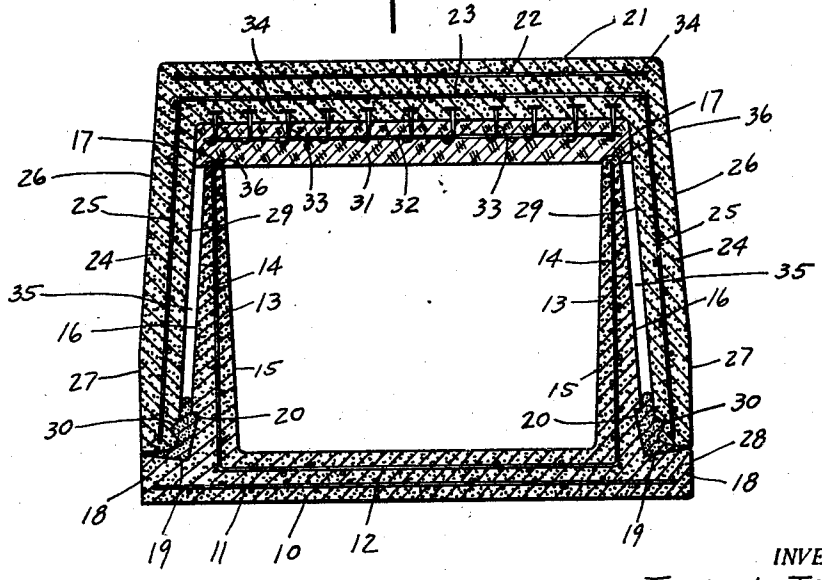


FIG. 2



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BURIAL VAULT

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This invention relates to a burial vault.

The chief object of the invention is to provide a burial vault of two parts, telescopically associated together, with an improved sealing construction therebetween.

The chief feature of the invention consists in the sealing construction so arranged that one portion thereof constitutes an insulation member and certain portions thereof are arranged to form an air insulating chamber.

Another feature of the invention consists in the formation of several of the parts such that the vault may be readily employed for so-called surface burial purposes.

The full nature of the invention will be understood from the accompanying drawings and the description and claims as follows:—

In the drawings Fig. 1 is a perspective view of the burial vault.

Fig. 2 is a transverse sectional view taken through the vault.

This invention, in common with prior inventions, includes two moulded members, one constituting the bottom and the other constituting the cover, the same being telescopically associated with a plurality of peripheral seals therebetween and the aforesaid is specifically disclaimed.

In the drawings 10 indicates the bottom member of the burial vault which includes suitable reinforcements 11 and 12, the same being composed of an expanded metal or wire mesh and rods or the like. Extending upwardly from the bottom is a side wall 13, likewise reinforced at 14, and herein the inner side of the side wall slopes inwardly and downwardly as at 15. The outer side of the side wall slopes outwardly and downwardly as at 16. The top edge 17 may be rounded. Extending outwardly from the bottom is a flange 18 which has an inwardly and slightly downwardly directed upper face 19. The side wall at its junction with said flange, is recessed as at 20. The reinforcement 11 projects from the bottom and into the flange.

The cover member includes a top portion 21, likewise provided with a multiple reinforcement 22 and 23. Depending from the cover is the side wall 24 similarly reinforced as at 25. The side wall 24 has a downwardly and slightly outwardly inclined surface 26 and a merging portion 27 that is adapted to align with the side face 28 of the flange 18. The inner surface or side of the cover side wall is inclined outwardly and downwardly as at 29 and adjacent the lower end thereof the same is indented or grooved as at 30.

In the making of the cover a portion of the form is supplied with a slab of insulating material such as cork or the like 31, which has incorporated therein suitable reinforcement 32, to which is connected anchorage members 33, the same projecting therefrom. The projecting portions 34 are suitably imbedded in the top or cover portion, as illustrated, and in the formation of the cover member.

The cover and bottom members may be formed of artificial stone and of any desired color or character.

When the cover is telescoped upon the bottom member, there is formed a peripheral enveloping outwardly and downwardly inclined air insulating chamber 35. When the cover is placed upon the bottom member, the cover rides upon the curved top 17 of the bottom side wall and as shown at 36, the weight of said cover causes the top to partially imbed in the cork insulation 31, forming a seal between the chamber 35 and the interior of the burial vault. The cork insulation, as may be inferred from the description of the production of the cover, extends across the full width of the top.

Plastic cement, or any other suitable locking medium, is positioned at the junction of the flange and the bottom side wall and when the cover member is telescoped thereon and seated upon the top of the side wall, the cement included at the junction is forced into the recess 20 and the groove 30, and seals the entire space therebetween, locking the two members together. The extent of the air space 35 is such that capillary attraction is not effective to permit seepage from the exterior of the vault into the interior. Likewise, it will be apparent that substantially a double wall construction is obtained be-

tween the top and the bottom of the chamber.

The invention claimed is:—

1. A casket receiving vault including two telescopically associated cover and bottom forming members, said cover forming member having an inwardly and upwardly inclined inner side wall, said bottom member having a flange extending outwardly from a base portion and an outwardly and downwardly inclined outer side wall, a seal between the upper end of the bottom member side wall and the cover portion, and a second seal between the lower end of the cover side wall and the bottom flange, said seals and side walls forming an included outwardly draining peripheral air chamber about the vault chamber.

2. A casket receiving vault including two telescopically associated cover and bottom forming members, said cover forming member having an inwardly and upwardly inclined inner side wall, said bottom member having a flange extending outwardly from a base portion and an outwardly and downwardly inclined outer side wall, a seal between the upper end of the bottom member side wall and the cover portion, and a second seal between the lower end of the cover side wall and the bottom flange, said seals and side walls forming an included outwardly draining peripheral air chamber about the vault chamber, said upper seal extending from one bottom side wall to the opposite bottom side wall.

3. A casket receiving vault including two telescopically associated cover and bottom forming members, said cover forming member having an inwardly and upwardly inclined inner side wall, said bottom member having a flange extending outwardly from a base portion and an outwardly and downwardly inclined outer side wall, a seal between the upper end of the bottom member side wall and the cover portion, and a second seal between the lower end of the cover side wall and the bottom flange, said seals and side walls forming an included outwardly draining peripheral air chamber about the vault chamber, said upper seal extending from one bottom side wall to the opposite bottom side wall and continuing beyond the same to the cover depending side walls.

4. A casket receiving vault including two telescopically associated cover and bottom forming members, said cover forming member having an inwardly and upwardly inclined inner side wall, said bottom member having a flange extending outwardly from a base portion and an outwardly and downwardly inclined outer side wall, a seal between the upper end of the bottom member side wall and the cover portion, and a second seal between the lower end of the cover side wall and the bottom flange, said seals and side walls forming an included outwardly draining peripheral air chamber about the vault chamber, the junction of the flange and the bottom side wall including a recessed portion and the lower inner end of the cover side wall including a groove, said recess and groove lockingly receiving the second mentioned seal for locking the members together.

5. A casket receiving vault including two telescopically associated cover and bottom forming members, said cover forming member having an inwardly and upwardly inclined inner side wall, said bottom member having a flange extending outwardly from a base portion and an outwardly and downwardly inclined outer side wall, a seal between the upper end of the bottom member side wall and the cover portion, and a second seal between the lower end of the cover side wall and the bottom flange, said seals and side walls forming an included outwardly draining peripheral air chamber about the vault chamber, said upper seal extending from one bottom side wall to the opposite bottom side wall, the junction of the flange and the bottom side wall including a recessed portion and the lower inner end of the cover side wall including a groove, said recess and groove lockingly receiving the second mentioned seal for locking the members together.

6. A casket receiving vault including two telescopically associated cover and bottom forming members, said cover forming member having an inwardly and upwardly inclined inner side wall, said bottom member having a flange extending outwardly from a base portion and an outwardly and downwardly inclined outer side wall, a seal between the upper end of the bottom member side wall and the cover portion, and a second seal between the lower end of the cover side wall and the bottom flange, said seals and side walls forming an included outwardly draining peripheral air chamber about the vault chamber, said upper seal extending from one bottom side wall to the opposite bottom side wall and continuing beyond the same to the cover depending side walls, the junction of the flange and the bottom side wall including a recessed portion and the lower inner end of the cover side wall including a groove, said recess and groove lockingly receiving the second mentioned seal for locking the members together.

7. A casket receiving vault including two telescopically associated cover and bottom forming members, said cover forming member having an inwardly and upwardly inclined inner side wall, said bottom member having a flange extending outwardly from a base portion and an outwardly and downwardly inclined outer side wall, a seal between the upper end of the bottom member side wall and the cover portion, and a second

seal between the lower end of the cover side wall and the bottom flange, said seals and side walls forming an included outwardly draining peripheral air chamber about the vault chamber, the outer side of the cover side wall being inclined downwardly and outwardly and the inner side of the bottom side wall being inclined inwardly and downwardly.

In witness whereof, I have herunto affixed my signature.

FLOYD L. TEMPLE.