Dec. 5, 1933. L. P. GEESEY ET AL 1,937,647

BURIAL VAULT

Filed Aug. 27, 1930

Fig. 1.

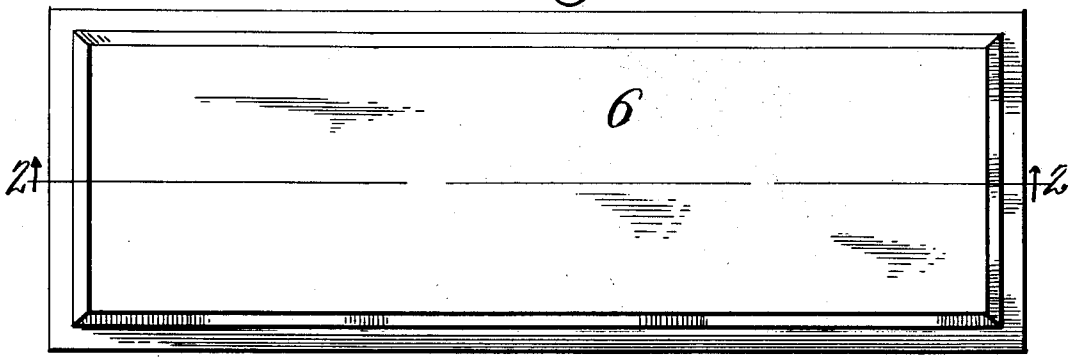


Fig. 2.

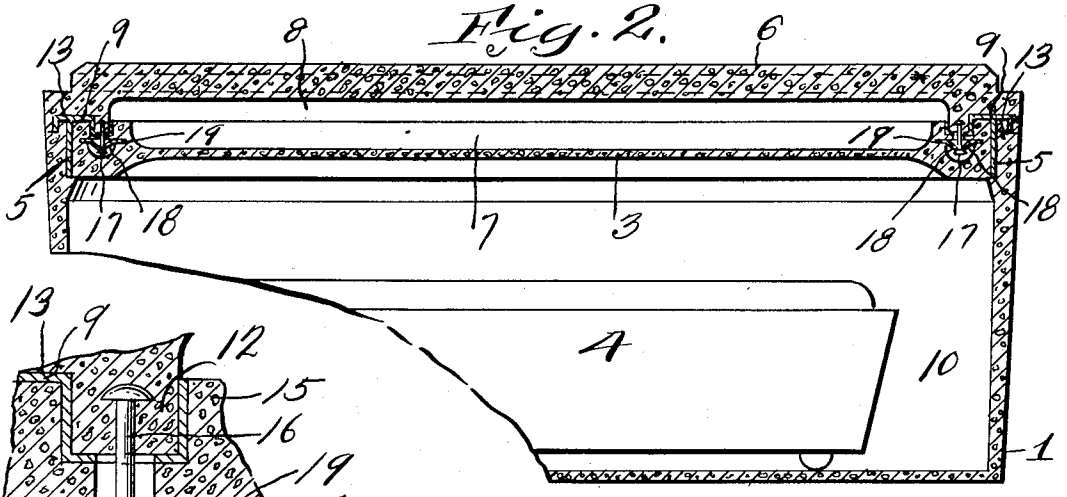


Fig. 4.

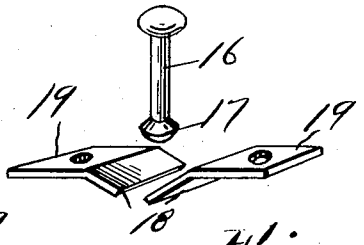


Fig. 5.

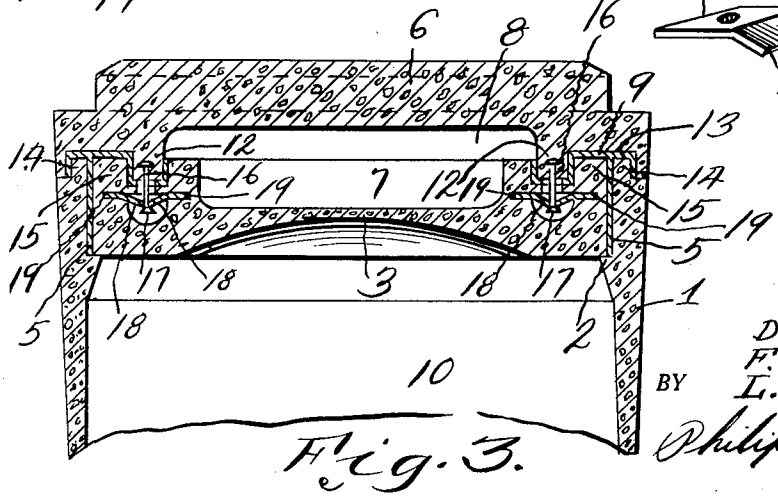


Fig. 3.

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BURIAL VAULT

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2 Claims. (Cl. 72—7)

The invention relates to burial vaults, and has for its object to provide a device of this character formed from a plastic material and provided with a cover formed from two sections, one of said sections being constructed in a manner whereby it is first placed in position and sealed to the body of the vault and the other section provided with means for positively locking itself to the first section, thereby preventing opening of the vault, after the cover as a whole is placed in position.

A further object is to provide the adjacent portions of the cover sections with registering chambers, thereby providing a dead air space in the cover for insulating the casket chamber and keeping it at an even temperature at all times.

A further object is to form the vault cover from two sections, thereby allowing the same to be easily placed in position and sealed at time of burial with the minimum amount of labor.

A further object is to provide the inner cover section with spring plates embedded therein and the outer cover section with headed members adapted to spring between adjacent edges of the spring plate into recesses in the inner cover plate to positions where the spring plate will positively grip the headed member and hold the outer cover section in place.

A further object is to provide means whereby the headed members may move laterally between the spring plates for allowing for variations in manufacture, and adjustment when the outer cover member is placed in position.

A further object is to provide a burial vault constructed in a manner whereby the upper portion of the cover may be utilized as a marker above the ground.

With the above and other objects in view the invention resides in the combination and arrangement of parts as hereinafter set forth, shown in the drawing, described and claimed, it being understood that changes in the precise embodiment of the invention may be made within the scope of what is claimed without departing from the spirit of the invention.

In the drawing:

Figure 1 is a top plan view of the casket vault.

Figure 2 is a vertical longitudinal sectional view taken on line 2—2 of Figure 1.

Figure 3 is a vertical transverse sectional view through a portion of the vault.

Figure 4 is an enlarged detail sectional view through a portion of the cover sections.

Figure 5 is a detail perspective view of the locking device.

Referring to the drawing, the numeral 1 designates the body of the vault adapted to be embedded in the ground with its upper end adjacent the surface of the ground so that the upper side of the cover of the device may be used as a marker slight above the ground. The body 1 is preferably formed from concrete and may be reinforced if desired.

Formed on the inner walls of the body 1 is a shoulder 2, on which shoulder the inner section 3 of the cover rests. After the casket 4 is placed within the vault, the cover section 3 is placed in the upper end of the body 1 into position on the shoulder 2 and then cement is poured around the cover section 3 as shown at 5 for forming a permanent seal. After the cover section 3 is placed in position, the cover section 6 is placed in position as clearly shown in Figure 3. By forming the cover from two sections, it is obvious it can be easily handled by a minimum number of attendants at the grave, which is not possible with covers as at present constructed from single pieces, which are relatively heavy.

The upper side of the inner cover section 3 is provided with a chamber 7 which registers with a chamber 8 in the under side of the cover section 6, and it will be seen that when the sealing cement 9 is in position and the cover sections positively locked together, a dead air space is formed which will prevent sweating within the chamber 10 of the body member 1, therefore it will be seen it will not be necessary to entirely embed the vault in the ground, and the upper side of the cover can be used, if desired for inscription purposes.

Cover section 6 is provided with spaced downwardly extending flanges 11 and 12, which form a channel 13 for receiving spaced flanges 14 and 15 carried by the body 1 and the inner cover section 3, therefore it will be seen that there is an interengagement between the cover sections 3 and 6 and the body. Embedded in the flange 12 of the upper cover section 6 are headed bolts 16, which bolts extend downwardly and are provided with heads 17 adapted to be forced between the spring flanges 18 of the plates 19, which are embedded in the inner cover section 3, and it will be noted that after the heads 17 are forced to a position below the flanges 18, said flanges will then spring upwardly into engagement with the headed bolts 16 where the heads 17 will be positively held against upward movement, and the cover section 6 against removal, therefore it will be seen that the vault is permanently sealed and locked so

that it can not be opened; section 3 having been previously sealed by concrete poured to form the seams 5. It will be noted that flanges 18 are elongated, therefore it will be seen that when the cover section 6 is being placed in position, said section can be moved laterally slightly for properly positioning the same as it is obvious there would be slight variations incident to shrinkage in manufacture, and the spring flange 18 will also accommodate themselves to a certain extent in relation to the bolts.

From the above it will be seen that a burial vault is provided which is simple in construction, the cover formed from a plurality of sections, thereby allowing the same to be easily handled and provided with means for locking the cover sections together.

The invention having been set forth what is claimed as new and useful is:—

1. The combination with a burial vault cover formed from registering sections having registering chambers to form an air space in the cover, interengaging parts carried by the cover sections and having a sealing material therebetween, of means carried by one of the cover sections and interengaging with means carried by the other cover section and forming means whereby when the cover sections are forced together on the sealing means, said cover sections will be positively and rigidly attached to each other in a manner whereby said sections can not move away from each other, thereby preventing fracture of the sealing means between the cover sections incident to raising thereof upon freezing and thawing of the ground in which the vault may be imbedded.

2. A device as set forth in claim 1 including a locking means between the sections, said locking means comprising bolts carried by one of said sections and extending into the other section, spring flange gripping plates imbedded in one of said sections and positioned to grip the bolts, said bolts having frusto conically shaped heads tapering inwardly towards the bolt shanks, said plates inclining and anchored in relation to the bolt shank whereby when said bolt shanks and head are forced between the gripping plate ends, said ends will arcuately swing inwardly over the bolt heads and will engage and grip the bolt shanks and heads where said heads and shanks merge together.

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