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BURIAL VAULT WITH METAL LINING

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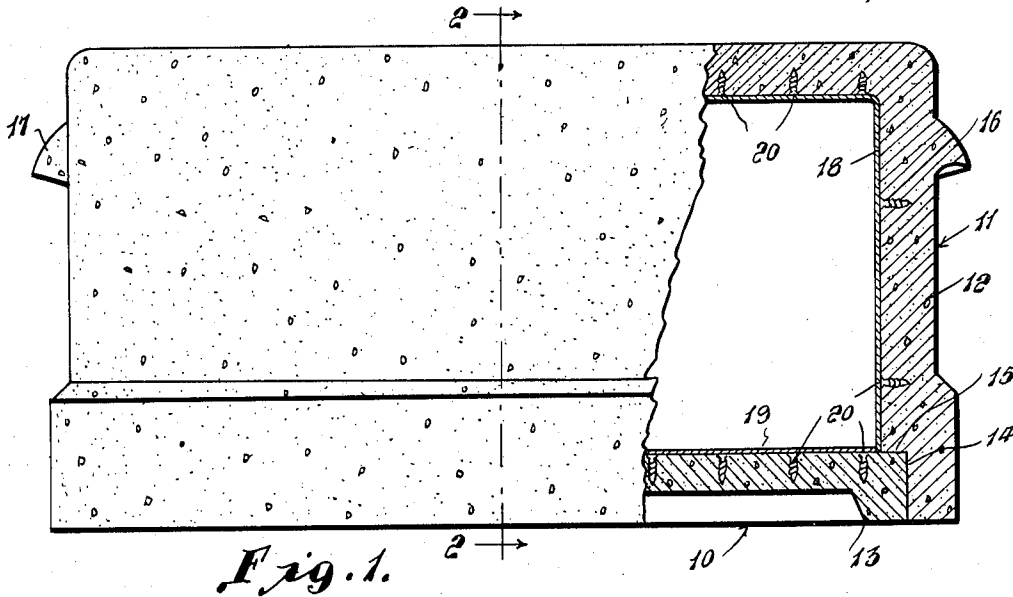


Fig. 1.

Fig. 3.

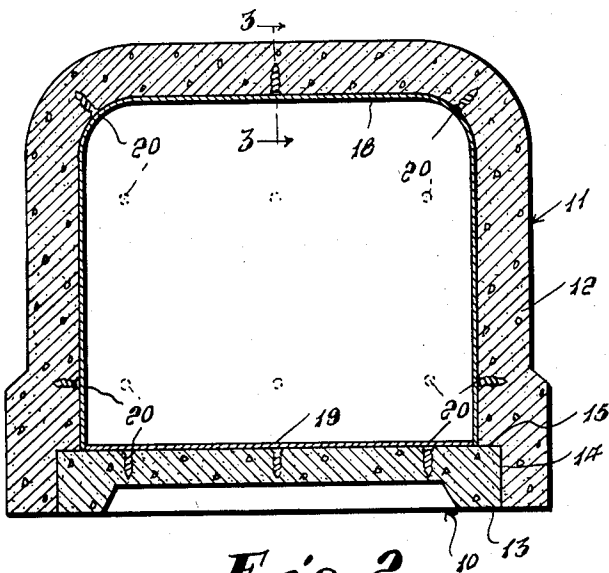
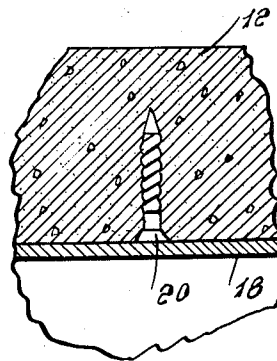


Fig. 2.



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BURIAL VAULT WITH METAL LINING

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1 Claim. (Cl. 72-7)

It is particularly aimed to provide a vault of this character which is metal lined, with its body mainly made of concrete or cementitious material capable of being molded thereon, a structure which will be airtight, watertight and verminproof, in construction which will be stable throughout the years without danger of separation of the metal and concrete or distortion of the metal and one which may be removed without fracture after years of burial, and a construction which particularly has an offset to facilitate attachment of a lowering device.

The more specific objects and advantages will become apparent from a consideration of the description following taken in connection with the accompanying drawing illustrating an operative embodiment.

In said drawing:

Figure 1 is a view in side elevation showing the improved vault, the same being partly broken away to disclose details;

Figure 2 is a transverse sectional view taken on the line 2-2 of Figure 1, and

Figure 3 is an enlarged longitudinal sectional view taken on the line 3-3 of Figure 2.

Referring specifically to the drawing wherein like reference characters designate like or similar parts, the vault is built in two sections, that is a base section generally designated 10 and a cover or container section generally designated 11. Such sections are adapted to be separately cast from concrete or cementitious material 12, the base 10 having a marginal depending rib or flange 13 and the cover section 11 preferably having a marginal groove 14 within the lower end and the base of the section 12 preferably being outwardly enlarged or provided with a rib as at 15, for reinforcement.

Section 12 is cast with offset or the like 16 thereon at the end walls, to facilitate engagement by lifting devices.

A metallic lining member 18 is provided within the section 12, covering the top, side and end walls. The base 10 has a lining member 19 disposed thereon whose edges meet and accurately

fit the lining member 18, such member 19 extending within the member 18 as shown in the drawing. Such lining members are of a suitable metal such as steel, zinc or copper, and they prevent the penetration of moisture from the exterior through the concrete to the casket sealed within the vault.

When manufacturing these sections 10 and 11, suitable forms or molds are provided and lugs 20 are soldered or otherwise fastened to the lining members 18 and 19. Such lugs may be ordinary corrugated nails or screws. The concrete or cementitious material 12 is molded or poured onto the lining members within the molds or forms, and the lugs 20 securely anchor the lining to the concrete, so that there is and will always be an intimate fit between the same, without any bulging or distortion of the lining members 18 and 19, such as would permit the entrance of air, moisture or otherwise be injurious.

It will be realized that after the casket is placed on the lining member 19, cover section 11 is applied and thereafter the junction between the sections at the recess 14 is effectively sealed in any suitable manner, by cementitious material or a liquid sealing compound or otherwise.

Various changes may be resorted to provided they fall within the spirit and scope of the invention.

I claim as my invention:

A vault of the class described comprising sections adapted to be sealed together, said sections each having a concrete wall and lining of imperforate metal on the inner surface of such wall, anchor members secured to the outer surface of the lining members and extending into the concrete, one of said sections having top, side and end walls, said side walls being interiorly cut-away from their lower edges outwardly beyond the lining of such section, and the other section fitting said cutaway portions and having its metallic lining contacting the lower edges of the metallic lining of the companion section.

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