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E. MURPHY ET AL

2,026,428

BURIAL VAULT

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2 Sheets-Sheet 1

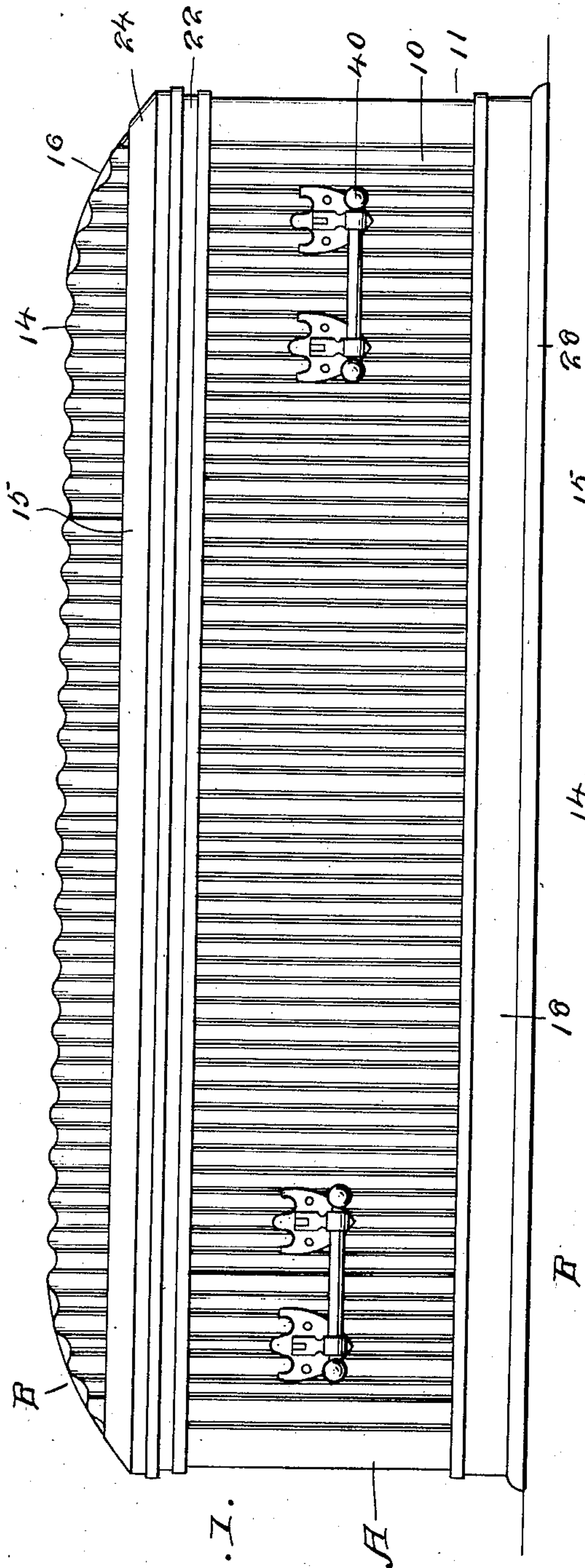


Fig. 1.

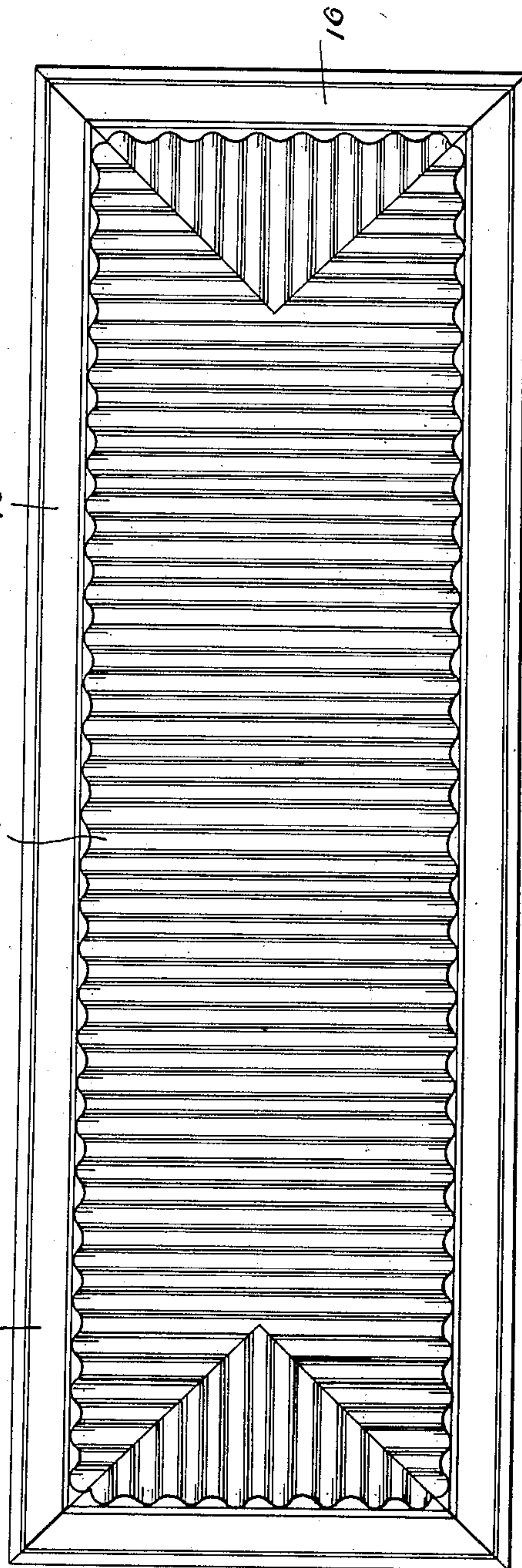


Fig. 2.

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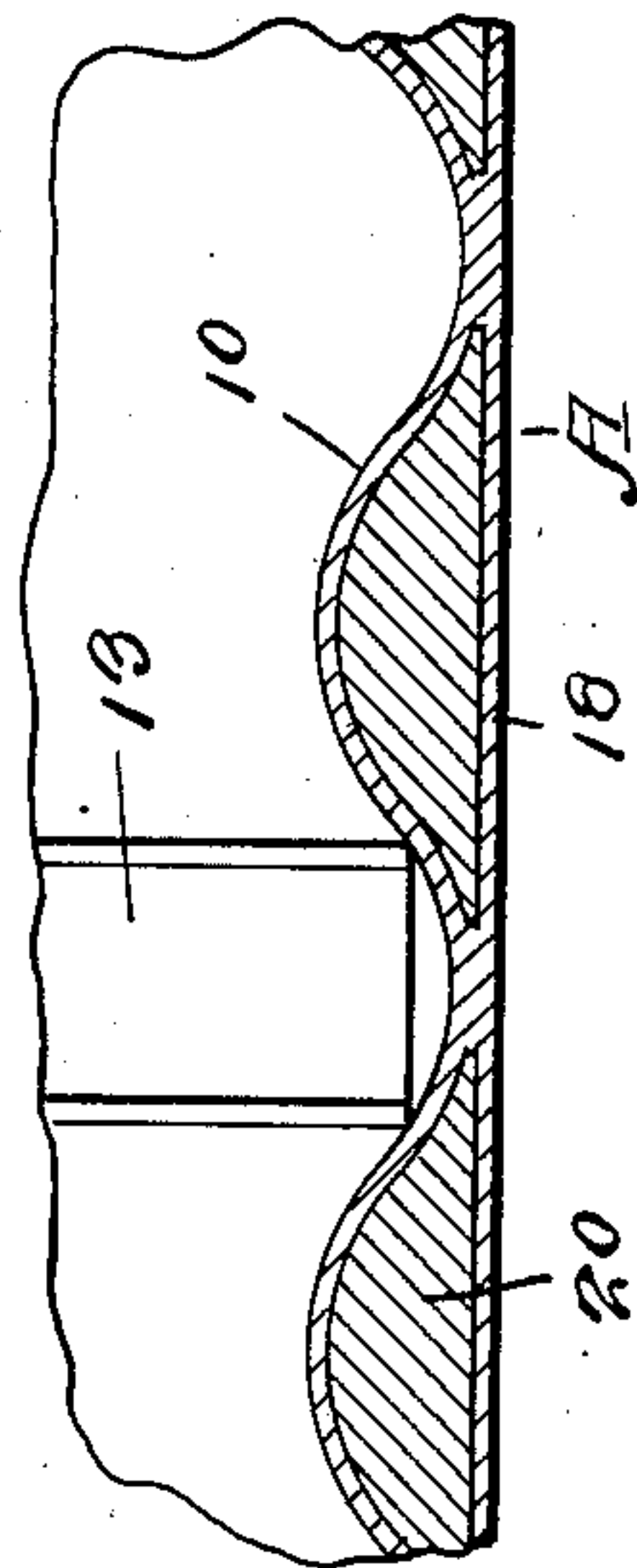
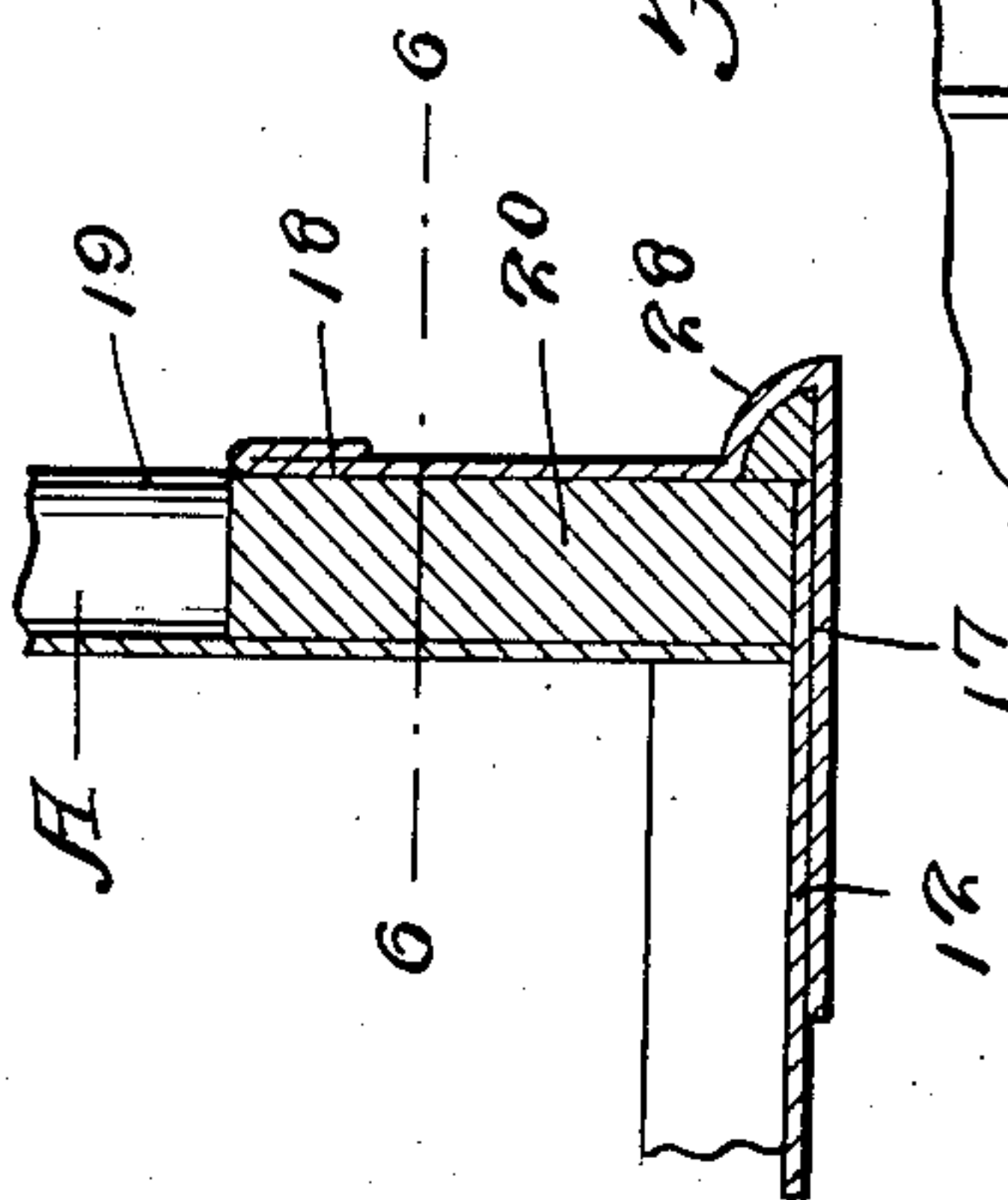
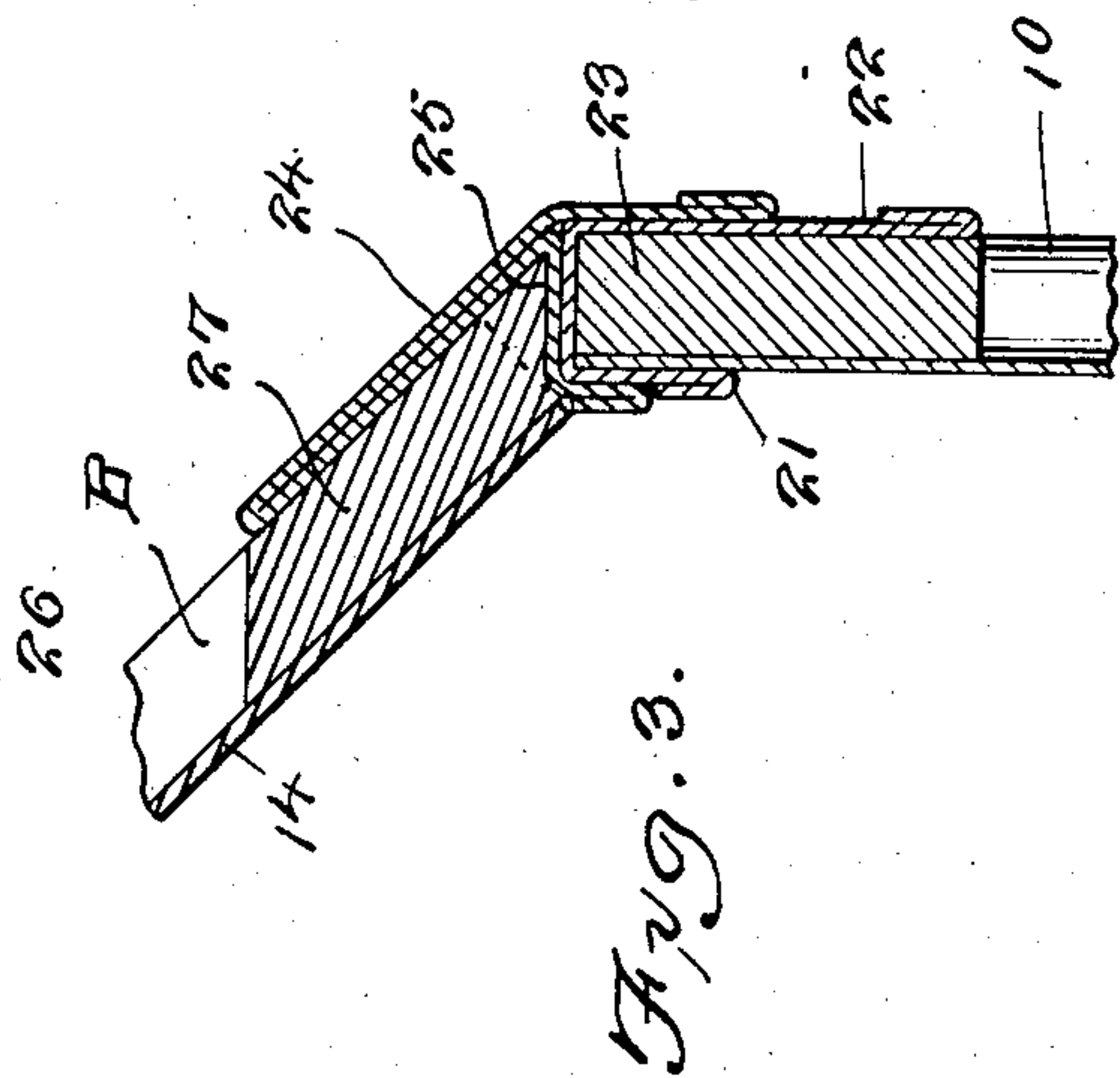
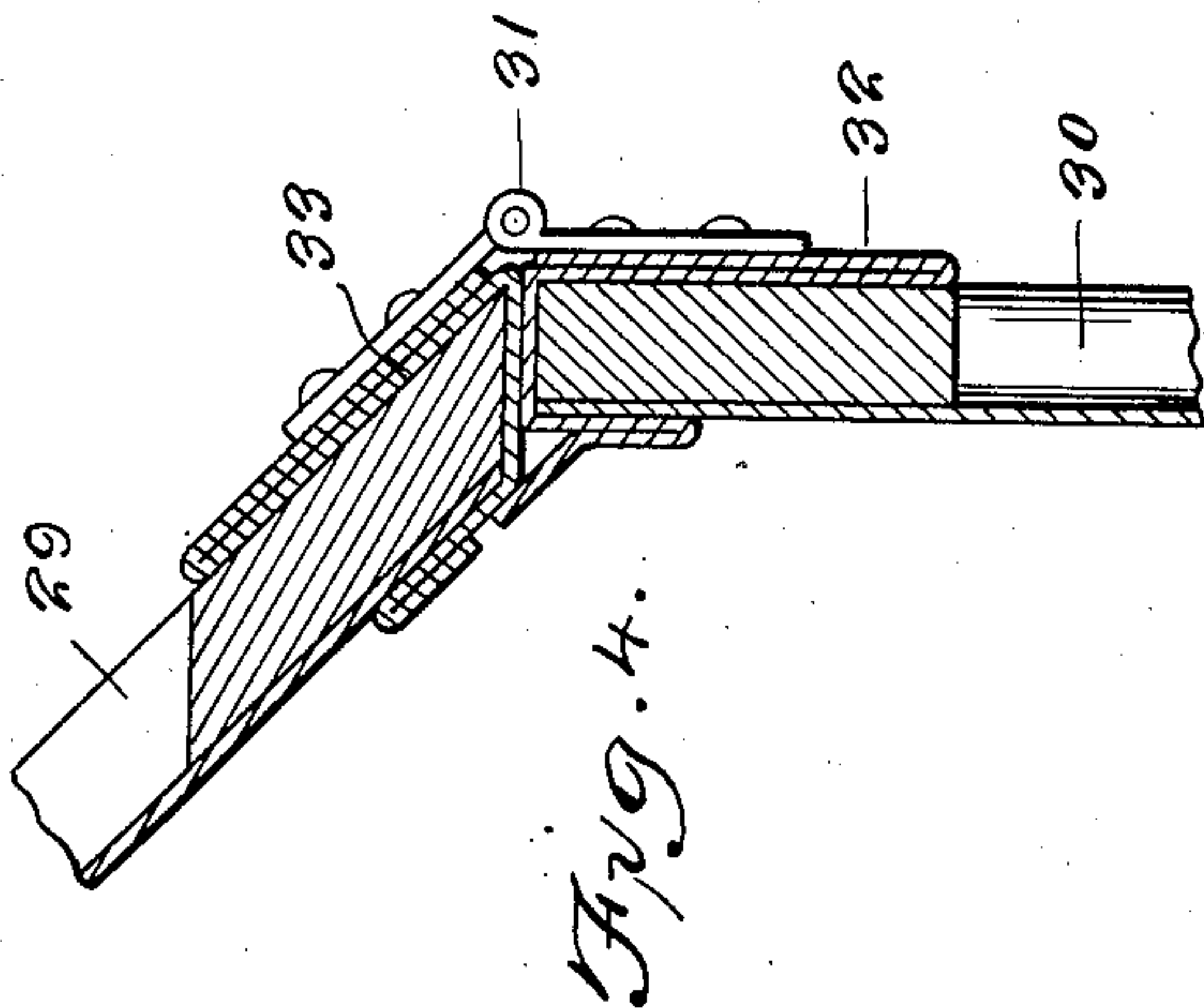
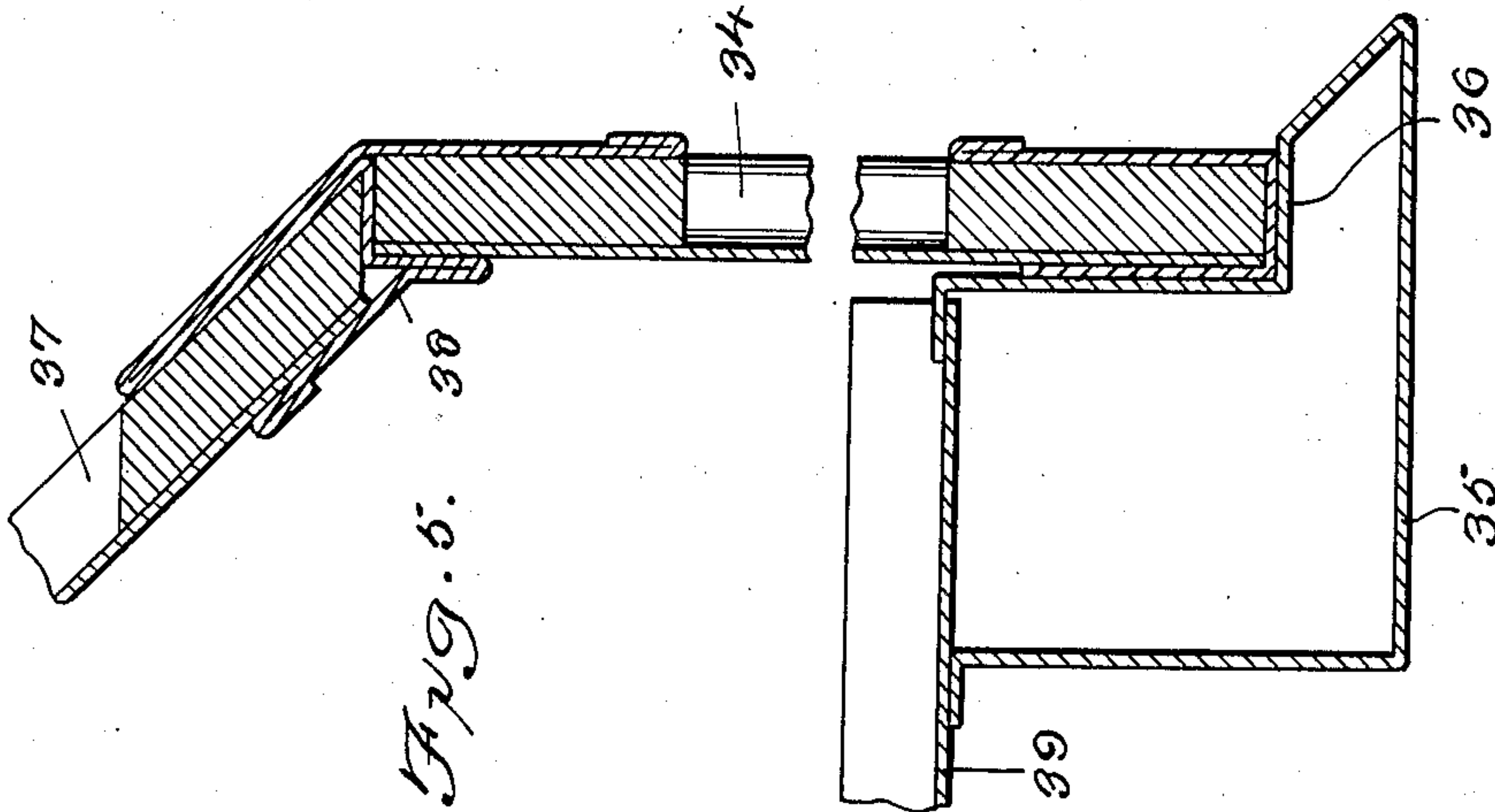
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# UNITED STATES PATENT OFFICE

2,026,428

## BURIAL VAULT

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Application February 11, 1935, Serial No. 6,115

### 1 Claim. (Cl. 27—6)

The invention relates to a burial vault construction and more especially to a corrugated metal burial vault.

The primary object of the invention is the provision of a vault of this character, wherein the entire make-up thereof, that is to say, the body and cover or top, are formed from corrugated metal, the cover or top being coped and arched to materially strengthen the same, thus the vault in its entirety will be possessed of maximum strength.

Another object of the invention is the provision of a vault of this character, wherein the construction thereof is novel to effect an artistic appearance and the body and the cover or top being entirely made from metal and trimmed with integral corners, thereby giving durability and maximum strength.

A still further object of the invention is the provision of a vault of this character, wherein the trim and the cover or top are hermetically sealed to render the vault waterproof and airtight, although it may be desirable to have the cover or top associated with the body of the vault without hermetically sealing these together.

A still further object of the invention is the provision of a vault of this character which is extremely simple in construction, thoroughly reliable and effective in its purpose, strong, assured of maximum life, and inexpensive to manufacture.

With these and other objects in view, the invention consists in the features of construction, combination and arrangement of parts as will be hereinafter more fully described in detail, illustrated in the accompanying drawings, which disclose the preferred embodiment of the invention, and pointed out in the claims hereunto appended.

In the accompanying drawings:

Figure 1 is a side elevation of a vault constructed in accordance with the invention.

Figure 2 is a top plan view thereof.

Figure 3 is a fragmentary vertical transverse sectional view.

Figure 4 is a view similar to Figure 3 showing a slight modification.

Figure 5 is a view similar to Figure 4 showing a still further modification.

Figure 6 is an enlarged sectional view on the line 6—6 of Figure 3.

Similar reference characters indicate corresponding parts throughout the several views in the drawings.

Referring to the drawings in detail, the vault in its preferred embodiment comprises a body A and a removable cover or top B, respectively, each being all metal. The body A includes the corrugated metal sides 10 and corrugated metal ends 11, these being formed from sheet material, while welded to the bottom edges of the sides and ends is a flat metallic bottom 12, it having rising from its inner face at required intervals substantially U-shaped supports 13, these being disposed transversely within the body A and upon which rest a casket when placed within the body of the vault.

The cover or top B is formed from a corrugated sheet metal section 14 having the sloped sides and ends 15 and 16, respectively, thereby upwardly arching the said cover or top to give strength and rigidity thereto.

Marginal about the body A and beneath the bottom 12 is a metal trim 17, the upstanding portion 18 of which has contact with the corrugations 19 of the sides and ends, while poured within the interstices as created by such corrugations 19 between the sides and ends and the vertical portion 18 of the trim 17 is a sealing medium 20, preferably made from a good grade of high melting point tar.

About the upper edge of the body A is a trim 21, the outer portion 22 of which is against the corrugations 19 of the sides and ends 10 and 11 of the body, and filling the interstices as created by these corrugations 19 is a sealing medium 23 corresponding to the medium 20.

The sides and ends of the cover or top B are extended to form a trim 24, it providing a channel 25 for accommodating the upper edge of the sides and ends 10 and 11 of the body A. This trim 24, at the outermost portion or the cover or top B, is doubled on itself against the corrugations 26 existing in the cover or top, and filling the interstices as created by the said corrugations 26 is a sealing medium 27, this being identical to the sealing mediums 20 and 23. The cover or top B can be telescoped onto the body A and the same sealed at the meeting points in any suitable manner to render the vault waterproof. The trim 17, at the bottom of the body A, is formed with an outstruck bead 28 increasing the strength of this trim, it being understood that the trims for both the body A and the cover or top B are spot welded therewith.

In Figure 4 of the drawings there is shown a slight modification, wherein the cover or top 29 has connection with the body 30 of the vault, these being constructed from corrugated metal, 55



through the medium of a hinge 31, the trim for the body being indicated at 32 and the trim for the cover or top being indicated at 33.

5 In Figure 5 of the drawings there is shown a further modification, wherein the bottom of the body 34 has a hollow metallic molding 35, this being formed externally with a seat 36 for ac-  
10 commodating the sides and ends of the body 34 which is removable from the bottom, while the cover or top 37 is made fast with the body 34 through the trim 38 spot welded thereto. In this modified form just described of the vault the casket is supported upon the bottom and the body  
15 with the integral cover or top is brought to rest upon the seat 36 of the molding 35 constituting a part of the bottom 39 of such vault.

Each side of the body A has fitted therewith

suitable handles 40 for the handling of the vault, as is conventional.

What is claimed is:

A burial vault and a cover therefor each constructed of corrugated metal, a metal trim at 5 the edges of the vault and cover, each trim comprising a metal plate which is spot welded to the outwardly rounded portions of the corrugations on the outer faces of said vault and cover, and each of said plates being bent to provide chan- 10 neled parts which receive therein the edges of the said vault and cover, the channeled portions of the trim of the cover being also shaped to receive the upper edge of the vault therein and a sealing medium filling the interstices between the 15 trims and bodies of the vault and cover.

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