No. 809,897. PATENTED JAN. 9, 1906.

J. P. BENDING.

BURIAL VAULT.

APPLICATION FILED APR. 17, 1905.

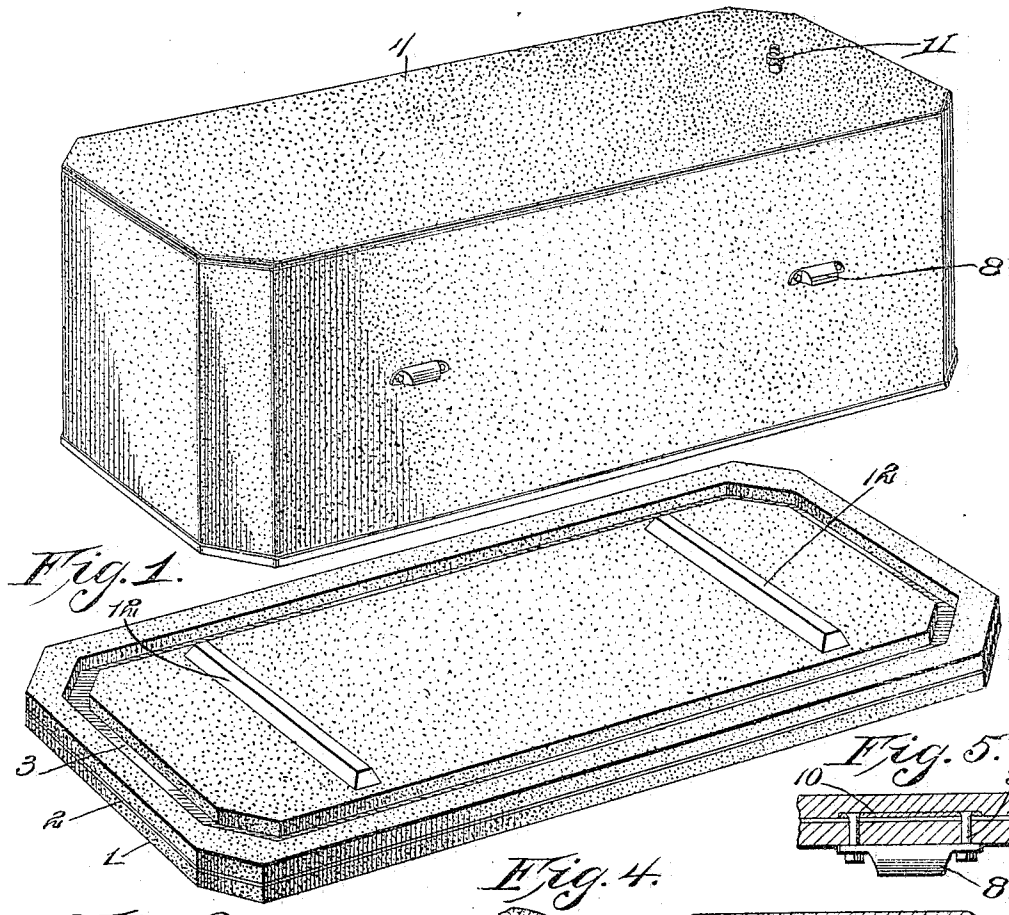


Fig. 1.

Fig. 5.

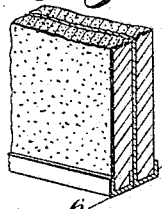


Fig. 4.

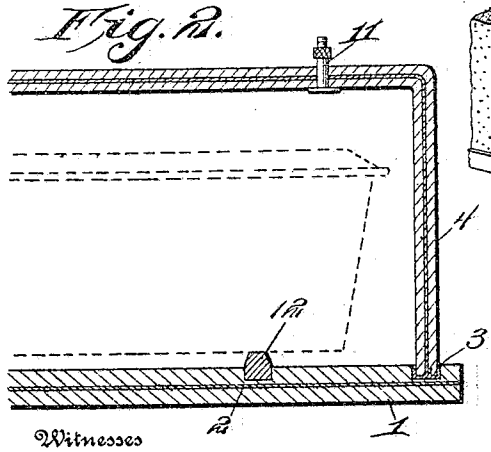


Fig. 2.

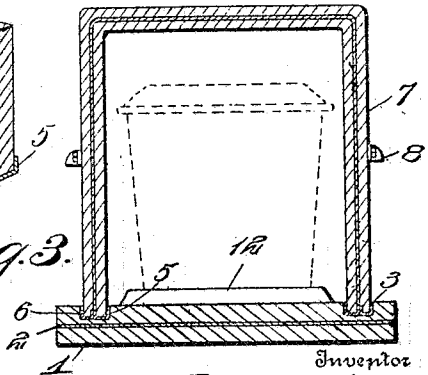


Fig. 3.

Witnesses

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BURIAL-VAULT.

No. 809,897. Specification of Letters Patent. Patented Jan. 9, 1906.

Application filed April 17, 1905. Serial No. 256,060.

To all whom it may concern:

Be it known that I, JOSEPH P. BENDING, a citizen of the United States, residing at Otway, in the county of Scioto and State of Ohio, have invented certain new and useful Improvements in Burial-Vaults; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to burial-vaults. Its object is to provide a combined concrete and metallic device of this character which is of durable construction and which can be hermetically sealed, so as to prevent the admission of air or moisture thereto.

A still further object is to construct the vault of two parts which can be readily connected and subsequently sealed.

With the above and other objects in view the invention consists of the novel construction and combination of parts hereinafter more fully described and claimed.

In the accompanying drawings I have shown the preferred form of my invention.

In said drawings, Figure 1 is a perspective view of the vault, the hood being shown raised from the base. Fig. 2 is a central vertical section through a portion of the vault and showing the hood in position on the base. Fig. 3 is a transverse section through the vault. Fig. 4 is an enlarged perspective view of a portion of the wall of the hood and showing the relative arrangement of the sheet metal and concrete of which said hood is formed; and Fig. 5 is a horizontal section through a portion of said wall, showing the manner of connecting a handhold to the wall.

Referring to the drawings by numerals of reference, 1 is a base formed of concrete and having a sheet 2 of metal centrally arranged therein and extending throughout its width and length. A groove 3 is formed within the upper surface of the cement adjacent the edges of the base, and this groove is adapted to receive the edge of the hood or top 4 of the vault. The hood is likewise formed of concrete and sheet metal, and the sheet metal is provided at its edges with an inwardly-extending integral channeled portion 5, to which is secured a channeled ring 6, which extends outward from the metal. Both of these channeled portions constitute bases for the cement covering 7 of the metal within the hood, and the chipping of the edges of the cement when the same are inserted within the grooves 4 is therefore prevented.

Hand-holes 8 are secured at desired intervals to the sides of the hood. These are fastened by means of bolts 9, extending through the outer layer of concrete and secured in any suitable manner to a holding-plate 10, located back of the metal structure of the hood, as shown in detail in Fig. 5. A vent 11 is located within the hood at a suitable point and is provided with a suitable valve. (Not shown.) A pump can be connected to this vent for extracting air from the vault after it has been sealed, and the valve, which can be of any desired construction, serves to prevent the air from again entering the vault. Supporting-cleats 12, of metal or other desired material, are located upon the base between grooves 3 and constitute supports for a casket. (Shown by dotted lines in Figs. 2 and 3.)

In using this vault the casket is first placed on the base, after which the hood 4 is disposed thereover, with its edges resting in grooves 3. Cement or other like material is then placed around the meeting portions of the hood and base, so as to seal the same, and air is subsequently extracted from the vault through vent 11. This vent can be permanently sealed subsequent to the exhaustion of the air by placing cement within the same.

The channeled portions 5 and 6, which constitute the edges of the hood, prevent the cement structure of the hood from breaking off while the parts of the vault are being assembled. They also constitute a support or bed for the cement during the construction of the hood. By providing the metal structure throughout the walls and base of the vault the device can be made much lighter than where the same is formed entirely of cement or concrete. Any suitable inscription can be molded upon the hood for identification purposes.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

In a burial-vault, the combination with the base formed of layers of concrete, and metal interposed between the concrete, one of said

layers having a groove therein; of a metal hood, oppositely-extending channeled portions at the edges of the hood and adapted to be seated within the groove, concrete layers upon opposite faces of the hood and supported by the channeled portions.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JOSEPH P. BENDING.

Witnesses:
GEO. WALSH,
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