

T. E. DANIELS.
BURIAL-CASE.

No. 180,207.

Patented July 25, 1876.

Fig. 1.

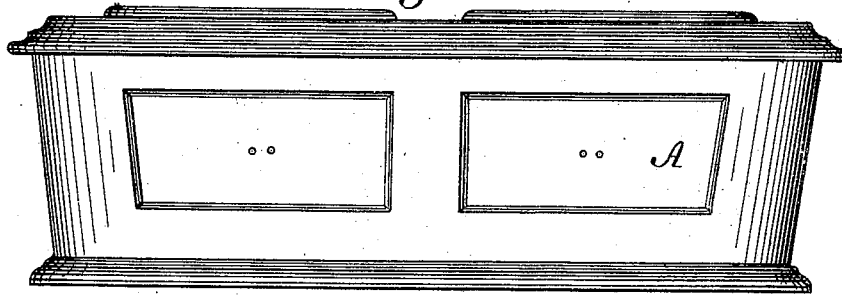


Fig. 2.

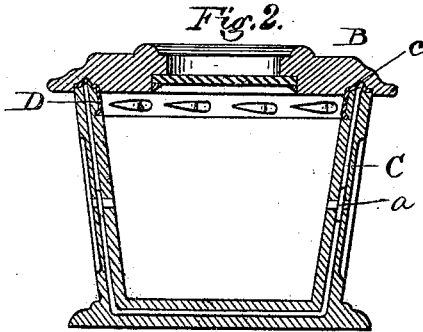


Fig. 3.

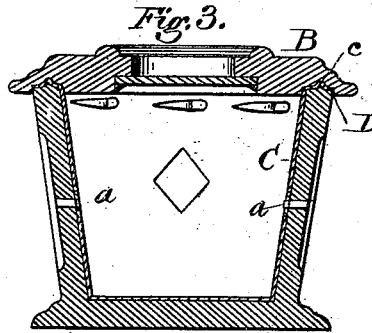


Fig. 4.

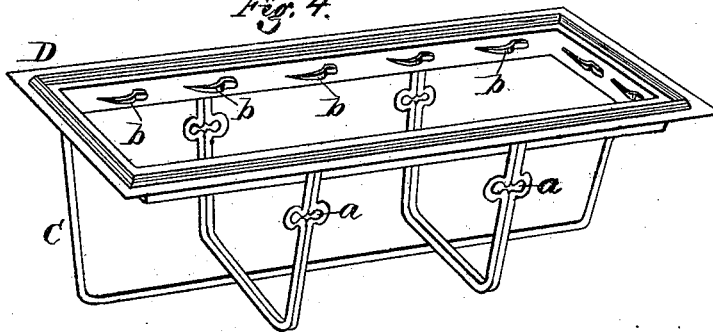
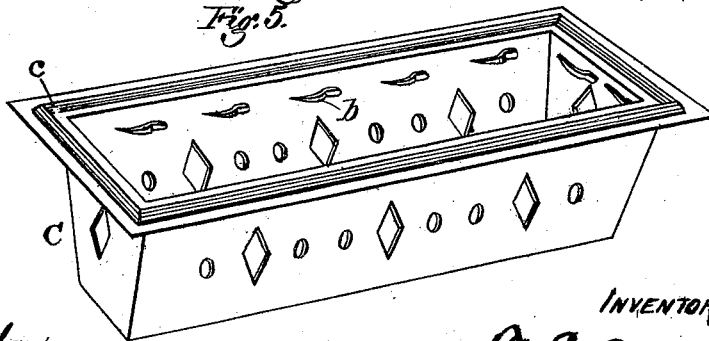


Fig. 5.



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UNITED STATES PATENT OFFICE.

TAYLOR E. DANIELS, OF DETROIT, MICHIGAN.

IMPROVEMENT IN BURIAL-CASES.

Specification forming part of Letters Patent No. **180,207**, dated July 25, 1876; application filed July 16, 1875.

To all whom it may concern :

Be it known that I, TAYLOR E. DANIELS, of Detroit, in the county of Wayne and State of Michigan, have invented certain Improvements in Composition-Marble Burial-Case, of which the following is a specification:

My invention consists in providing an artificial-marble coffin with a metal strengthening-frame, having eyes or holes to receive the bolts which hold the handles in place, so that the strain of the handles is received directly upon the frame, thus permitting the use of thin light walls, and avoiding all danger of their being fractured by the handles; in casting the coffin of Kean's or other similar hydraulic cement which will produce a hard impervious surface, and then painting and graining the same to represent wood, whereby I am enabled to produce an imperishable and highly-ornamented coffin, which cannot be distinguished from those of wood, at less than one-half their cost; and in providing the strengthening-frame or metal edging of the coffin-walls with points or lips to secure the lining or upholstering in place.

Figure 1 represents a side elevation of my case or coffin; Fig. 2, a cross-section of the same, having the frame in the center of its walls; Fig. 3, a cross-section of the same, with the frame on the inside face of the walls; Figs. 4 and 5 perspective views of two forms of the frame and edging.

The object of my invention is to produce an imperishable stone coffin, which shall be at once light, strong, and cheap, and which shall be susceptible of a high polish.

The material, when prepared, whether of the cement alone or the compound, is poured into suitable molds, and permitted to set and harden, after which it is removed, and the outer surface polished by the ordinary processes employed in connection with natural marble. The surface may be left plain, in imitation of marble, or it may be coated, grained, and varnished, to imitate the ornamental wood, the advantage of the latter being that a coffin possessing the appearance of a highly ornamental and elaborately-molded

wooden coffin may be produced at a comparatively trifling cost.

In order to give the coffin great strength and admit of its being made light and neat, I cast its body upon a skeleton-frame, C, such as represented in Figs. 4 and 5. The frame, which may be made of wire or cast or sheet iron, in a thin light form, is first placed in the mold, and the material cast in place over and around the same. The construction may be such that the frame will be inclosed and concealed within the walls and bottom, or it may be seated in or upon the inner faces of the same, care being taken in either case to have the material unite with and take a firm hold upon the frame.

For the purpose of giving a firm support to the coffin-handles, I provide the wire frame with eyes *a*, and the sheet-metal frame with holes *a*, through which to pass the bolts or screws for securing the handles in place. When molding the coffin I place cores in the eyes or holes for the purpose of forming the bolt or screw holes in the body, and thus avoid the expense and danger of drilling them, as would otherwise be necessary.

In order to give the coffin a finish, as well as to protect its edges and admit the ready and secure attachment of the lining or trimming, I provide the upper edges of the body with an edging, D, by placing the same in the mold and casting the body thereon in the same manner as on the frame. This edging may be made of any suitable form in cross-section, and of sheet-iron, cast-iron, wood, or other appropriate material. When made of sheet metal its inner side may be provided with small points or hooks *b*, secured to or struck up from the metal, for the purpose of receiving and holding the lining-cloth. The frame and the edging may be used independently, or they may be united, as shown in the drawing.

Having described my invention, what I claim is—

1. The artificial-marble coffin, provided with a metal strengthening frame, C, having eyes or hole *a* to receive the screws or bolts

which secure the handles in place, as shown and described, whereby the strain of the handles is thrown upon the frame, and the fracture of the wall prevented.

2. An artificial-marble coffin, composed of hydraulic cement, painted and grained on its exterior in imitation of wood, as a new article of manufacture.

3. The artificial-marble coffin, provided with a metal frame or edging, having the series of points or lips *b*, to receive and secure the lining or upholstering in place.

TAYLOR E. DANIELS.

Witnesses:

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W. C. DODGE.