

(No Model.)

C. M. DRENNAN.
METALLIC COFFIN JOINT.

No. 540,303.

Patented June 4, 1895.

Fig. 1.

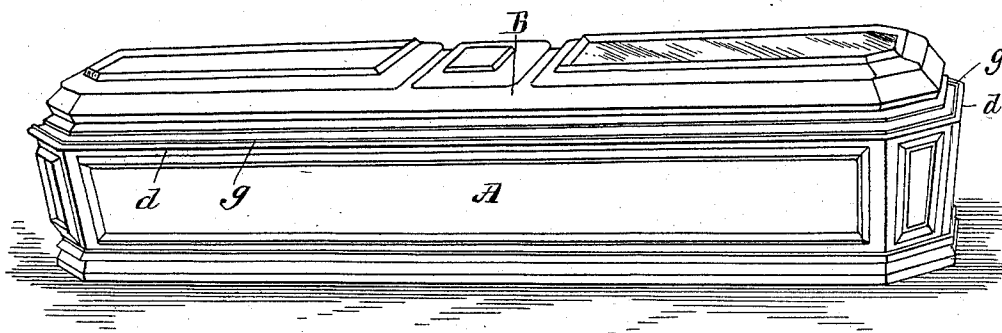


Fig. 2.

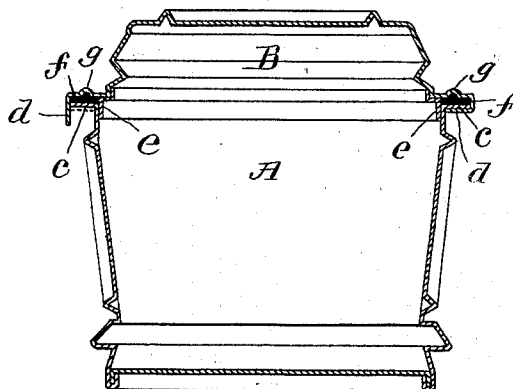


Fig. 3.

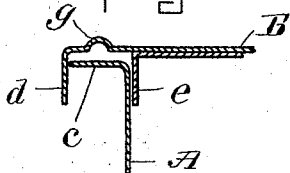
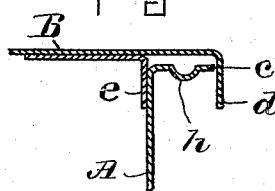


Fig. 4.



WITNESSES.

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UNITED STATES PATENT OFFICE.

CHARLES M. DRENNAN, OF BOSTON, MASSACHUSETTS.

METALLIC-COFFIN JOINT.

SPECIFICATION forming part of Letters Patent No. 540,303, dated June 4, 1895.

Application filed August 18, 1894. Serial No. 520,687. (No model.)

To all whom it may concern:

Be it known that I, CHARLES M. DRENNAN, a citizen of the United States, residing at Boston, in the county of Suffolk and State of Massachusetts, have invented an Improved Metallic-Coffin Joint, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a perspective view of a casket embodying my invention. Fig. 2 is an enlarged transverse vertical section of the same. Figs. 3 and 4 are enlarged details to be referred to.

My invention has for its object to provide at a moderate cost, a casket or coffin which can be hermetically sealed in a simpler, cheaper and more perfect manner than heretofore, thereby avoiding the necessity and extra expense of providing the outside packing-box used in transportation, with a metallic lining hermetically sealed, as has hitherto been required by the health authorities.

To this end my invention consists in certain novel combinations of parts and details of construction as hereinafter set forth and specifically claimed.

In the said drawings, A represents the main or body-portion of a casket, and B the lid or cover of the same, all preferably composed of sheet-metal provided with ornamental panels and molding as shown. At the upper edge of the body-portion A and extending entirely around the same, is formed an outwardly projecting flange *c*, and around the edge of the lid or cover B are formed two downwardly projecting flanges *d*, *e*, the outer one *d*, being formed by turning over the edge of the metal forming the cover, and the inner one, *e*, being composed of a separate strip of sheet-metal soldered or otherwise secured to the under surface of the cover as shown in Figs. 2, 3, and 4. These two vertical flanges *d*, *e*, are arranged parallel with each other and located at a short distance apart, forming between them a deep groove or space for the reception of the flange *c* of the body-portion A as shown in Figs. 2, 3, and 4, and for holding the packing for sealing the joint, which packing may consist of a suitable plastic cem-

ent or a gasket composed of rubber or other suitable material.

When the casket or coffin is to be closed, the space between the vertical flanges *d*, *e*, is filled with cement *f*, after which the cover B is put into place upon the body-portion A when the flange *c* will enter the space between the said flanges *d*, *e*, the cover being then pressed down as shown in Fig. 2. The outer sheet-metal flange *d* of the cover is then turned up under and against the body-flange *c* as shown at the right hand side of Fig. 2, by means of pinchers or any other suitable implement which thus securely locks the flanges together and at the same time forces or squeezes the cement tightly between the said flanges, filling all the interstices and forming a perfect gas or air-tight joint as required.

I prefer to provide the under side of the cover between the flanges *d*, *e*, with a groove *g* as shown in Figs. 2 and 3, for containing a sufficient quantity of cement to insure a tight joint in case the flange *c* should be brought up close to or into contact with the under side of the cover B; and instead of forming a groove *g* in the cover, a similar groove *h* may be formed in the upper surface of the flange *c* as shown in Fig. 4, which will produce the same result.

By the employment of my improved joint, a casket or coffin containing a body can be closed and hermetically sealed with great facility and at a less expense than heretofore, and when such a casket or coffin is to be transported from one place to another, a further expense is avoided, as it can be placed in a simple wooden packing-box having no metallic lining hermetically sealed, which is not permissible with caskets or coffins of the usual construction.

What I claim as my invention, and desire to secure by Letters Patent, is—

A sheet metal coffin or casket consisting in the body having a flat horizontal outwardly projecting flange *c* around its upper edge, and the cover provided also with a flat horizontal marginal flange bent down at its outer edge forming the integral depending flange *d*, a groove or recess being formed in the inner face of one of said horizontal flanges as shown at

g h, and the separate and independent flange
e secured at its upper edge to the under side
of the horizontal cover flange parallel with
flange *d*; the flanges *d e* being spaced apart
5 the width of the body flange *c*; whereby when
the cover is applied its flange will extend down
along the inner side of the upper edge of the
body, and its flange *d* will depend below flange
c to be bent up thereunder, a cement-receiv-

ing space closed at all sides being formed be- 10
tween the four flanges, substantially as set
forth.

Witness my hand this 16th day of August,
A. D. 1894.

CHARLES M. DRENNAN.

In presence of—

P. E. TESCHEMACHER,
JACOB A. SEITZ.