

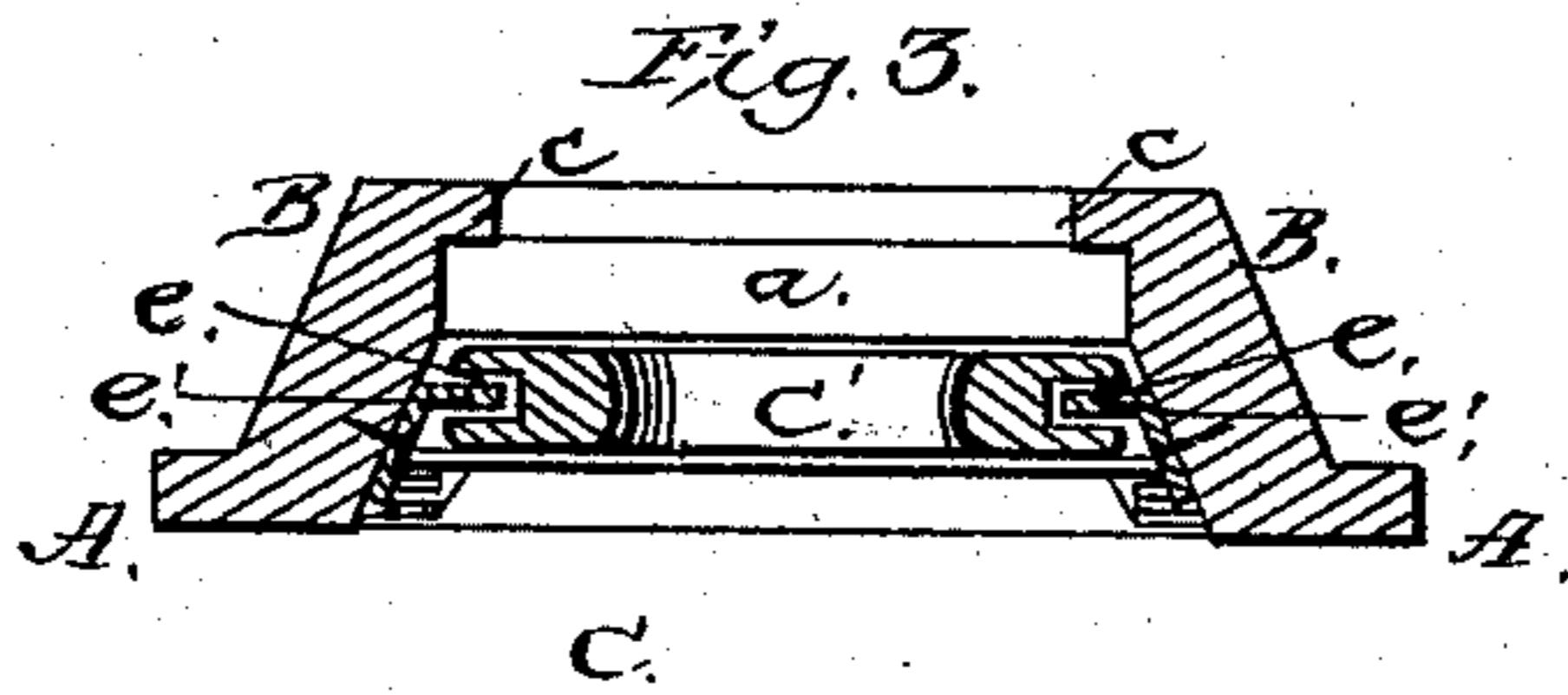
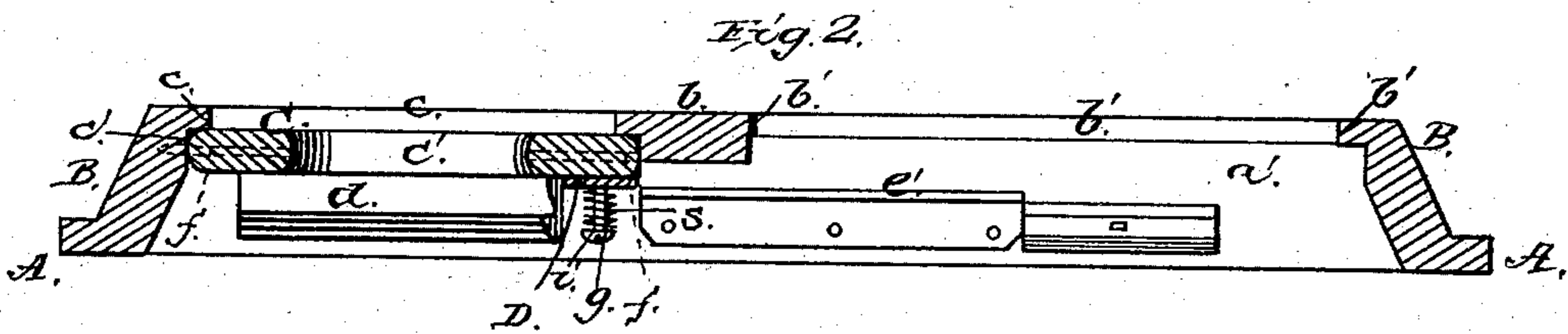
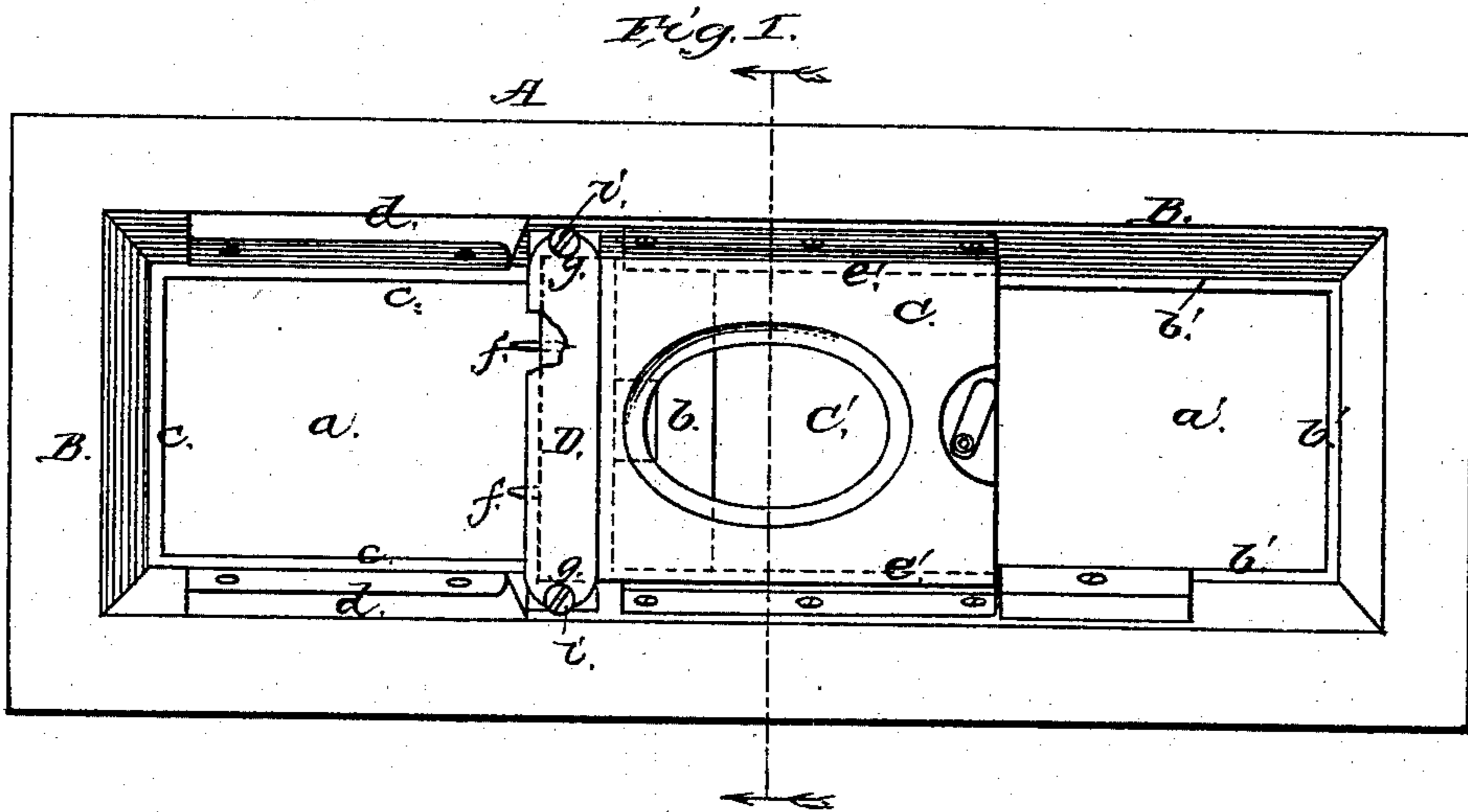
(Model.)

R. H. ARNOLD.

Removable Face Glass for Coffins.

No. 237,230.

Patented Feb. 1, 1881.



WITNESSES

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UNITED STATES PATENT OFFICE.

ROLLIN H. ARNOLD, OF HONEOYE, NEW YORK.

REMOVABLE FACE-GLASS FOR COFFINS.

SPECIFICATION forming part of Letters Patent No. 237,230, dated February 1, 1881.

Application filed July 17, 1880. (Model.)

To all whom it may concern:

Be it known that I, ROLLIN H. ARNOLD, of Honeoye, in the county of Ontario and State of New York, have invented a new and valuable Improvement in Removable Face-Glasses for Coffins and Burial-Caskets; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a view of the inside of a coffin-lid, showing my face-plate applied. Fig. 2 is a longitudinal central section of the same, and Fig. 3 is a transverse section thereof.

This invention has relation to coffins; and it consists in the improved features of construction and combination hereinafter fully described, and particularly pointed out in the claim.

In the annexed drawings, the letter A designates the frame of the lid, having erected thereon the raised molding B, divided into two panels, *a a'*, by the transverse brace *b*. The panel *a'* may be completed by a wooden or metallic or a glass plate pressed up against an overhanging flange, *b'*, in said molding and in brace *b*, and secured permanently in position in any suitable manner. The panel-frame *a* has a similar overhanging flange, *c*, that forms a seat for the frame C, that carries the view-plate C'. This frame fits snugly in the seat or rabbet *c'*, and has a degree of vertical play, limited by the stops *d*, in order that when depressed it may clear the brace *b*. It is provided on its lateral edges with grooves *e*, designed to receive the guide-flanges *e'*, secured to the inner corresponding faces of the panel-frame, *a'*, and serving to direct the sliding movements of the view-plate frame C when the latter is depressed against the stops *d* and slid back. The front edge of the frame C is provided with pins *f*, that engage corresponding holes in the contiguous face of the molding when the said frame is in position.

D indicates a transverse pressure and retainer plate, usually of metal, and vertically movable upon guide-pins *g*, having enlarged heads *i* upon their lower ends, and secured in

any suitable manner to the molding, lid-frame, or lid. Upon these pins, underneath the ends of plate D, are applied the springs *s*, which readily yield when the sash-frame is thrust down and allow it to bear on the stops *d*, and when slid back to engage the guide-flanges *e'*, but react when the said sash is in position with its dowel-pins *f* engaged with molding, and hold it up against the seat *c'*. The lid thus presents the usual external appearance of a paneled structure.

To open the face-plate to gain access to the face of the corpse without removing the glass, press the frame downward until it bears lightly on the stops *d*, then thrust it back. Its grooves *e* then become engaged with the guide-flanges *e'*, and it slides back, after the manner of a sash, readily and easily. It is closed by sliding it to the front, when its dowel-pins *f* engage the perforations in the molding before the guide-flanges are cleared, thus securing one end of the frame. Having cleared these flanges, the springs *s* react and press the transverse retainer-plate forcibly up against the sash-frame, and jam the latter up against the flange *c* in its seat *c'*.

I am aware that a movable glass-frame has been arranged in a coffin-lid in such a manner that it could be depressed and moved down beneath the lid, and it has also been hinged to the lid so that it could be opened upward, as shown in patent No. 83,964, and I do not broadly claim such construction.

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

In a coffin-lid, the panel-opening *a*, having the flange *c* overhanging the said opening and forming the seat *c'*, the guide-flanges *e'*, the stops *d*, the glass-frame C, having the edge grooves *e*, the pins *g*, the pressure-plate D, arranged thereon, the springs *s*, and the dowel-pins *f*, engaging perforations in the lid, the whole combined and arranged to operate substantially as specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

ROLLIN H. ARNOLD.

Witnesses:

JAMES SOUTHGATE,
SAML. B. SMITH.