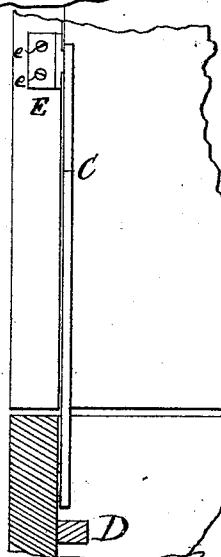
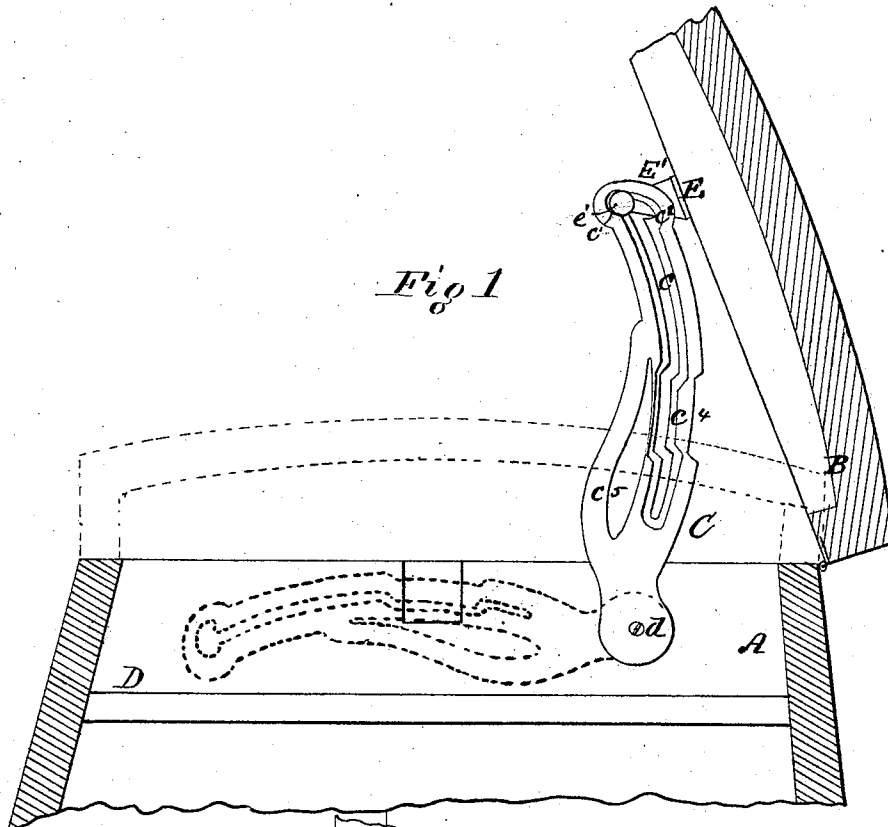


R. W. VANNEMAN.
Trunk-Lid Supports.

No. 147,082.

Patented Feb. 3, 1874.



WITNESSES.

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UNITED STATES PATENT OFFICE.

RICHARD W. VANNEMAN, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN TRUNK-LID SUPPORTS.

Specification forming part of Letters Patent No. **147,082**, dated February 3, 1874; application filed June 17, 1873.

To all whom it may concern:

Be it known that I, RICHARD W. VANNEMAN, of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Trunk-Lid Supports; 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 pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

In the drawings, Figure 1 is a vertical transverse section of part of a trunk provided with my improved lid-supporter. Fig. 2 is a front view of supporter applied. Fig. 3 is a transverse sectional view of supporter.

A represents a section of the trunk-body, and B a section of the lid. C is the lid-supporter, which is fastened to the trunk by a single screw, *d*, and to the lid by means of a clip, E, which is secured by screws *e e*. The clip E is of the form shown, having an extension or lip, E', from which extends a screw or pin, *e'*, which slides in the groove *c* in the supporter C. This groove is beveled or countersunk, as shown plainly in Fig. 3 in the drawing, so as to prevent the head of the screw *e'* from extending beyond the side of the supporter and coming in contact with the tray. The upper end of the groove *c* terminates in two notches, *c'* *c''*, in the former of which the screw *e'* rests when the trunk-lid is fully opened, the object of the latter being to prevent the lid from coming down suddenly from an accidental or careless touch upon the back of the supporter, as might frequently happen with children. Under such circumstance the screw *e'* would engage with the notch *c''*, and the lid would thus be fully supported and danger avoided.

I design using two supporters for each trunk-lid, but only one of them will be provided with the notches *c'* *c''*; the other will have simply a groove, *c*.

In order to prevent the extreme end of the supporter C from coming into contact with the cleat D, upon which the tray rests, I bend or change the direction of said groove, forming an elevation or ridge, as seen at *c'*. When the lid is closed, as shown in dotted lines, this ridge rests upon the screw *e'*, thereby preventing the outer end of the supporter from coming as low as it would if the groove preserved its regular and uniform curve.

I design forming the supporter of metal, and, in order to combine elegance, lightness, and strength, it is provided with a brace, *e''*. The screw *d* should be inserted just a sufficient distance from the top line of the trunk to bring the brace and outer end of the supporter in the same place. It would also probably be better to locate said screw *d* such a distance from the rear wall of the trunk that a line dropped from the screw *e'* would fall back of the said screw *d*—in other words, that the supporter should incline rearwardly when the lid is fully opened.

What I claim as my invention is—

1. In a trunk-lid supporter, the ridge *c'*, for the purpose set forth.

2. In combination with the supporter C, having the curve *c* and ridge *c'*, the clip *e* formed of a bent plate having the lip E and screw or pin *e'*, substantially as specified.

In testimony that I claim the foregoing I have hereunto set my hand this 9th day of June, 1873.

RICHARD W. VANNEMAN.

Witnesses:

GEO. C. SHELMEKDINE,
J. DANL. CONNOLLY.