

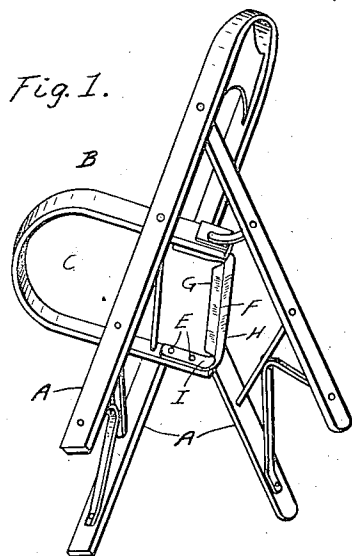
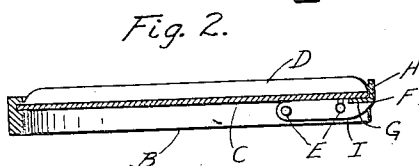
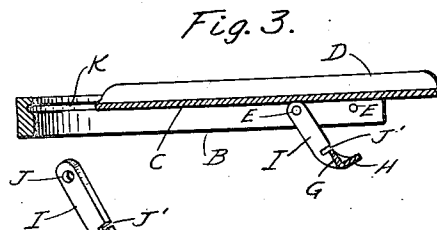
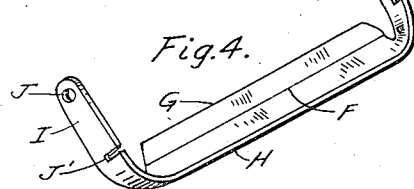
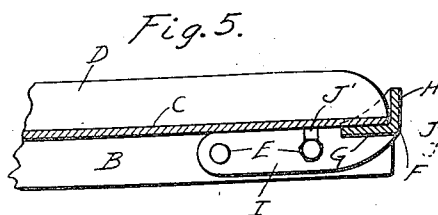
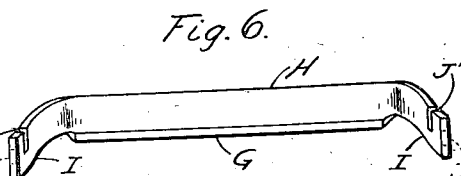
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SUPPORT AND RETAINER FOR FOLDING CHAIR SEATS

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UNITED STATES PATENT OFFICE

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SUPPORT AND RETAINER FOR FOLDING
CHAIR SEATSLuther F. Bergner, Washington, Pa., assignor of
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1 Claim. (Cl. 155—142)

My invention relates to supports and retainers for folding chair-seats and has for its object to provide a simple and inexpensive support and retainer for supporting and retaining the seat rigidly in its normal position.

The invention consists of certain novel features and details of construction as will be more fully described hereinafter and finally pointed out in the claim.

I will now describe my invention, reference being had to the accompanying drawing in which similar letters of reference indicate corresponding parts in the several figures and in which,

Figure 1 is a tilted perspective view of the chair, showing my improved support and retainer in position underneath and back of the seat.

Figure 2 is a longitudinal sectional view of the chair-seat, said seat being in its normal position and clearly showing my improved support and retainer in place.

Figure 3 is a similar view, showing the support and retainer dropped down and the seat partly withdrawn from the groove in the seat frame.

Figure 4 is a perspective view of my improved support and retainer removed from the seat frame.

Figure 5 is a partial sectional view of the seat frame, bottom, cushion and the support and retainer in their normal positions, and

Figure 6 is a front view of the support and retainer removed from the chair-seat proper.

I will now describe my invention which is as follows;

A represents a folding chair partly tilted, to better show the seat, seat frame and the general construction of a folding chair, such as is used by undertakers and others, where compactness is necessary and space limited.

B represents the frame of the seat, C, the seat proper and D, the cushion.

Attached to the frame of the seat, by means of bolts, rivets or screws E, is my improved support and retainer F, which is formed of a single piece of stamped or cast metal; the supporting section G, being formed at right angles to the retaining section H.

The retainer section, H, has arms, I, secured thereto which extend past the supporting section, G, said arms being formed integral with the retainer section and bent to extend forwardly and at right angles therefrom for attaching the support and retainer to the seat frame, and as before stated, being held in place by means of bolts, rivets or screws.

The arms I, are preferably provided with two holes, or one hole and a slot J, and J', in each of them as best shown in Fig. 4, the object of using a hole and slot will be more fully described hereunder.

By forming my support and retainer with a hole and slot in each of the arms thereof, it is adapted to be rigidly, attached to the frame of the seat by means of the bolts, rivets or screws, the holes acting as pivots and the rear slots as a locking device for holding the support and retainer in its normal position. By the use of holes and slots, the support and retainer may readily be dropped down at the rear, by loosening two of the bolts or screws thus allowing the seat proper to be partially or wholly withdrawn from the seat frame for repairs or replacement.

The usual construction of this class of chair-seats is a frame provided with a groove K, as best shown in Fig. 3, and into this groove is placed the seat-board usually made of ply-wood to which is secured the cushion.

This class of seat has usually been held in place by a small angle-iron or clip, one end of which was fastened to the frame of the seat and the opposite end to the underside of the seat board. This has been a very unsatisfactory method of retaining the seat in position, as the angle-iron or clip breaks off and allows the seat to slide back out of place, which causes the plywood bottom to splinter and break, often damaging the occupants' clothing or causing injury to their person.

These accidents put the chair out of use and necessitates the return of the chair to the factory for repairs, whereas by using my improved support and retainer, all danger of breaks is overcome.

Having described my invention what I claim and desire to secure by Letters Patent is:

A support and retainer for a folding chair seat frame consisting of a single piece of metal comprising a vertical retaining section, a horizontal supporting section extending forwardly of the retaining section, said retainer section having arms secured thereto and extending past the supporting section, said arms being formed integral with the retaining section and bent to extend forwardly and at right angles therefrom, said arms being provided with holes and slots for receiving fastening means for securing said support and retainer to the seat frame, all substantially as shown and described.