Nov. 8, 1932. L. S. VALENTINE 1,886,434

CHAIR SEAT

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Fig. 1.

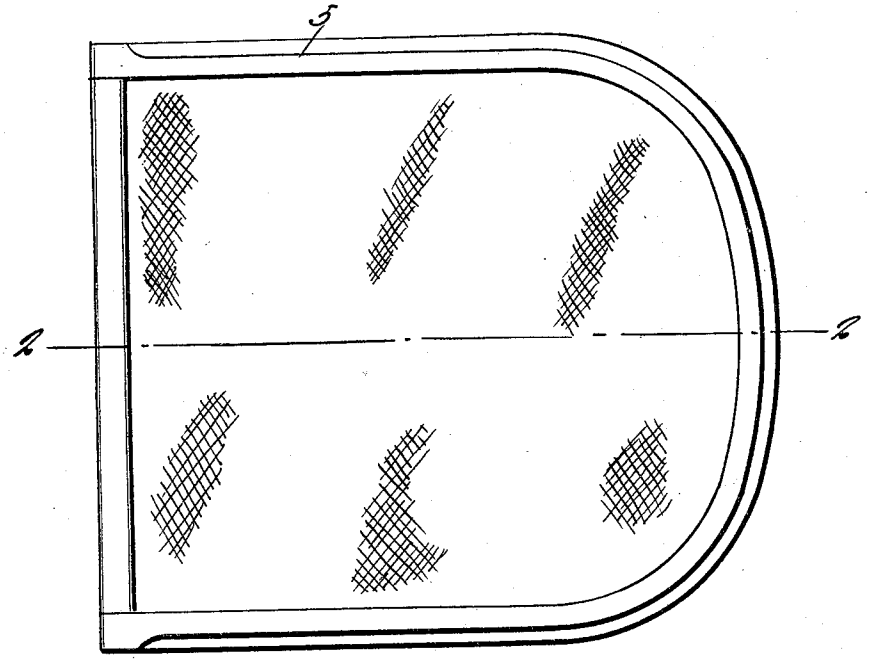


Fig. 2.

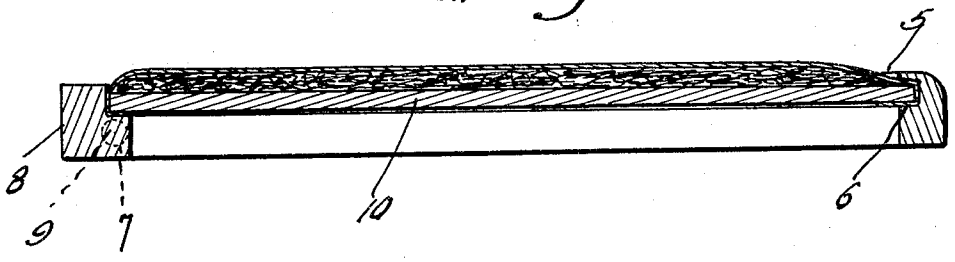
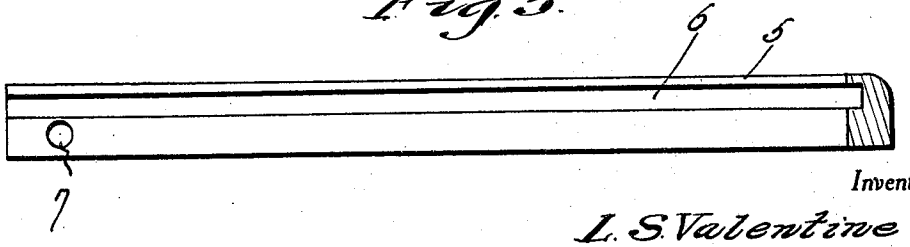


Fig. 3.



Inventor

L. S. Valentine

By Clarence A. O'Brien

Attorney

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Fig. 4.

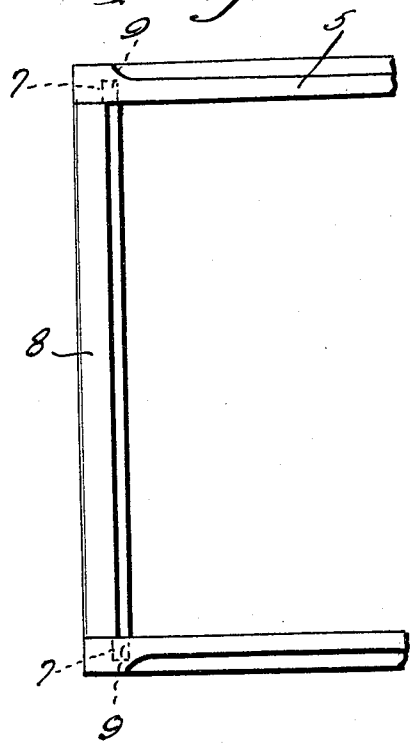
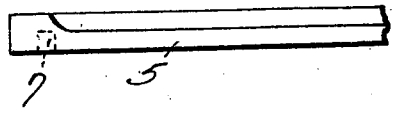


Fig. 5.



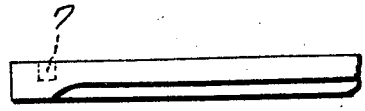


Fig. 7.

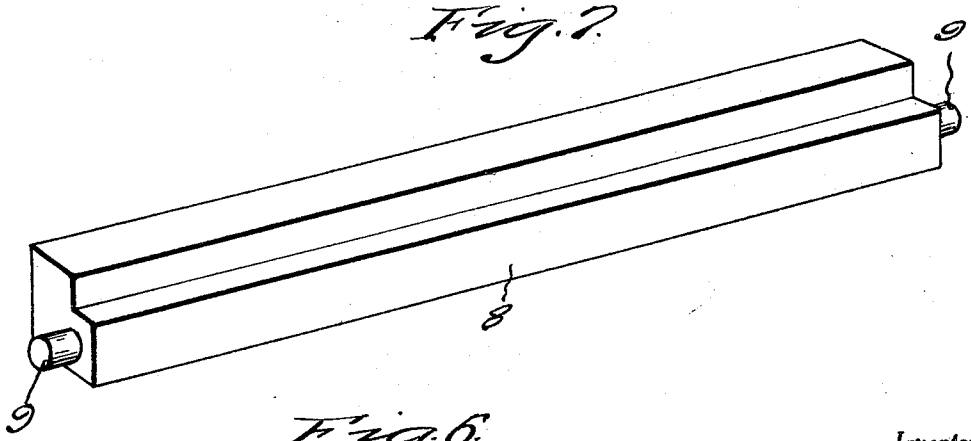
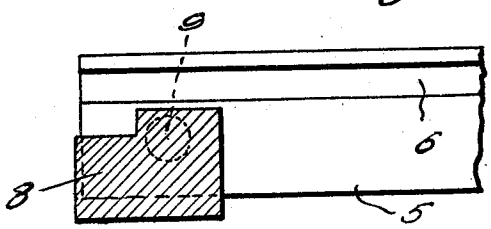


Fig. 6.



Inventor

L. S. Valentine

By Clarence A. O'Brien

Attorney

Patented Nov. 8, 1932

1,886,434

UNITED STATES PATENT OFFICE

LEWIS S. VALENTINE, OF READING, MICHIGAN

CHAIR SEAT

Application filed June 26, 1931. Serial No. 547,123.

The present invention relates to a chair seat and has for its prime object to provide means for facilitating the insertion and removal of a chair panel from the frame.

Another very important object of the invention resides in the provision of a chair seat of this nature which is simple in its construction, inexpensive to manufacture, easy to manipulate, and otherwise well adapted to the purpose for which it is designed.

With the above and numerous other objects in view as will appear as the description proceeds, the invention resides in certain novel features of construction, and in the combination and arrangement of parts as will be hereinafter more fully described and claimed.

In the drawings:

Figure 1 is a top plan view of the chair embodying the features of my invention.

Figure 2 is a longitudinal section therethrough taken substantially on the line 2—2 of Figure 1.

Figure 3 is a longitudinal section through the frame with the rear cross member removed.

Figure 4 is a top plan view of the rear end of the frame.

Figure 5 is a similar view with the cross member removed.

Figure 6 is a sectional view showing the cross member turned in a down position to permit the removal or insertion of the panel.

Figure 7 is a perspective view of the cross member.

Referring to the drawings in detail, it will be seen that the numeral 5 denotes a U-shaped frame channeled on the inner side as is indicated at 6. In the inner sides of the ends of the frame below the channel 6 are recesses 7. Numeral 8 denotes a rear cross member of angular construction in cross section and provided with dowels or trunnions 9 projecting from the ends thereof eccentrically in respect thereto and these dowels or trunnions are adapted to be received in the recesses 7 so that the cross member 8 may be rocked either to an upright position shown in Figure 2 or to a down position shown in Figure 6. When in the position shown in Figure 6 it will be seen that the seat panel 10 may be slid into the frame and then the cross member may be rocked to an upright position to prevent the removal of the panel. When it is desired to remove the panel, it is only necessary to rock the cross member to the down position as shown in Figure 6 and then the panel may be slid out of the frame.

As will be seen the member 8 is substantially L-shaped in cross section and the parts must be so constructed and arranged that the upper corner of the short arm of the member 8 will pass the lower face of the panel 10 during rocking movement of the member 8. However I prefer to so arrange the parts that considerable force must be used to rock the member 8 when the panel is in position to prevent free movement of the member 8.

It is thought that the construction, operation, utility and advantages of this invention will now be quite apparent to those skilled in this art without a more detailed description thereof.

The present embodiment of the invention has been described in considerable detail merely for the purposes of exemplification since in actual practice it attains the features of advantage enumerated as desirable in the statement of the invention and the above description.

It will be apparent that changes in the details of construction, and in the combination and arrangement of parts may be resorted to without departing from the spirit or scope of the invention as hereinafter claimed or sacrificing any of its advantages.

Having thus described my invention, what I claim as new is:

A seat of the class described comprising a

U-shaped frame having a channel on the inner sides thereof, a panel slidable into the channel, the ends of the frame having bearing forming recesses in their inner faces located below the channel, a substantially L-shaped cross member having trunnions at the ends thereof and eccentrically arranged thereon for engaging the recesses, said cross member when in operative position having one arm extending under the rear edge of the panel, and its other arm located in rear of the rear edge of the panel and said cross member occupying a position wholly below the plane of the channel when turned to inoperative position.

In testimony whereof I affix my signture.

LEWIS S. VALENTINE.