J. A. EBERLE.

SUSPENSIBLE SEAT.

APPLICATION FILED JUNE 27, 1918.

1,351,746. **Patented Sept. 7, 1920.**

Fig. I.

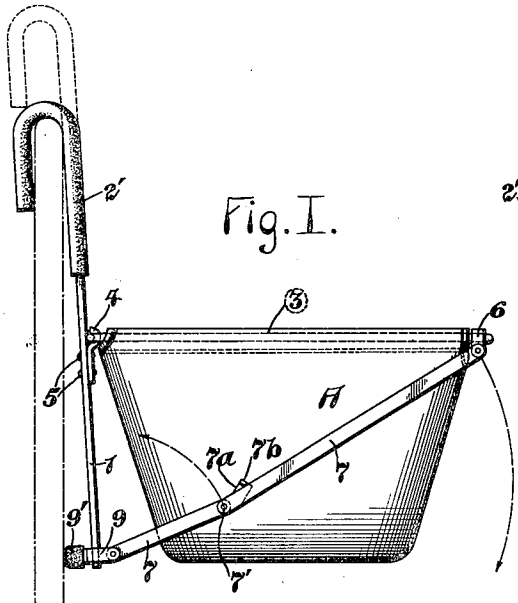


Fig. II.

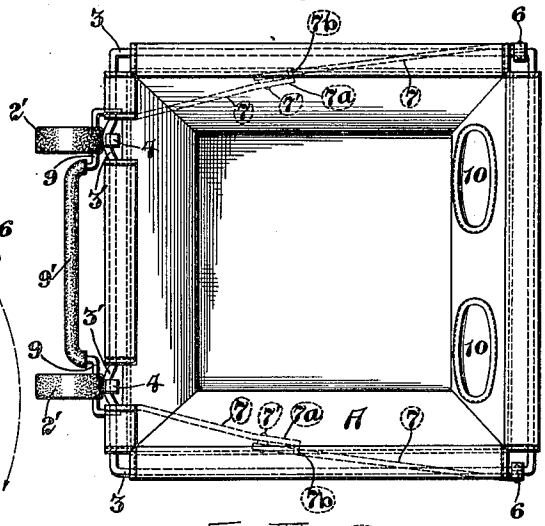


Fig. III.

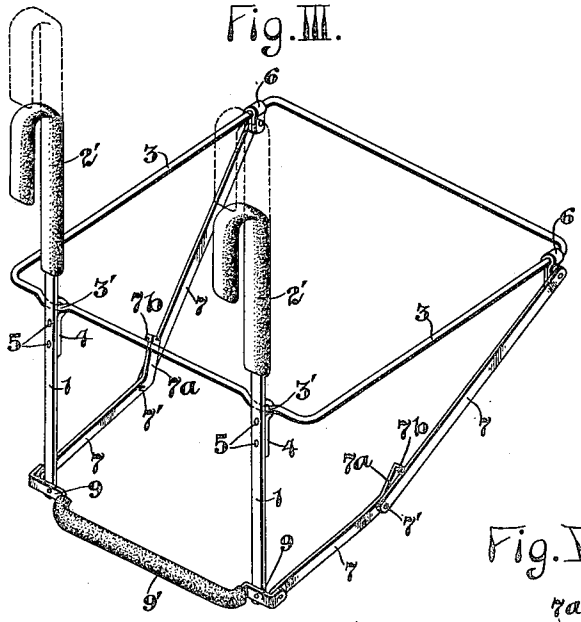


Fig. IV.

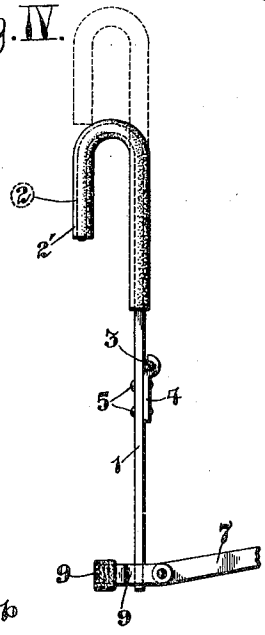
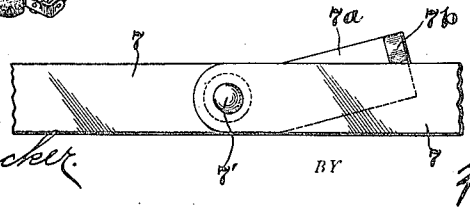


Fig. V.



WITNESS.

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SUSPENSIBLE SEAT.

1,351,746. Specification of Letters Patent. Patented Sept. 7, 1920.

Application filed June 27, 1918. Serial No. 242,251.

To all whom it may concern:

Be it known that I, JOHN A. EBERLE, a citizen of the United States of America, a resident of the city of St. Louis, State of Missouri, have invented certain new and useful Improvements in Suspensible Seats, of which the following is a full, clear, and exact description, reference being had to the accompanying drawing, forming a part of this specification.

This invention relates to improvements in suspensible seats, the main object being to produce a strong, simple and inexpensive structure of this kind. More specifically stated, the object of the invention is to produce a foldable child's seat adapted to be detachably mounted on the back of an ordinary straight back chair, or an automobile body or other suitable object.

The new structure comprises a few simple and inexpensive elements combined with each other in a particular manner to produce a hanger and a braced seat extending therefrom.

Figure I is a side elevation illustrating the seat secured to an ordinary chair.

Fig. II is an enlarged plan view of the new structure.

Fig. III is a perspective view of the framework of the seat.

Fig. IV is a fragmentary view showing one of the hanger members and the elements attached thereto.

Fig. V is a side view, on an enlarged scale, of the meeting end portions of one of the braces showing the hinge joint connecting them.

To illustrate the invention, I have shown a hanger frame comprising a pair of hanger bars 1, each having a hook 2 at its upper end. 3 designates an approximately horizontal seat frame made of wire bent to form a substantially rectangular figure. This approximately horizontal seat frame 3 extends from the hanger bars 1 and is pivoted thereto by clips 4, each having a hook-shaped portion in which said frame 3 is loosely fitted. The wire seat frame 3 has offsets 3′ which receive the pivot clips 4, as shown in Figs. II and III, and these offsets lie directly between the clips and the hanger bars 1 thereby preventing lateral movement of the seat frame relative to the hangers. The clips are rigidly secured to the hanger bars by fastening devices, such as screws or rivets 5 (Figs. III and IV). U-shaped clips 6 are fitted to the seat frame 3 near its front corners.

Diagonal braces 7, pivotally connected to the clips 6, extend downwardly to the lower portions of the hanger bars 1. These braces are made in sections hinged to each other by pivot pins 7′, one section of each brace being formed with an extension 7^a projecting beyond the pivot pin and provided with a stop 7^b adapted to strike the second brace section to limit the movement of the sections when the seat is unfolded.

9 designates a cross bar connecting the lower ends of the hanger bars 1 and forming a part of the hanger frame, said bar being offset rearwardly and preferably provided with a pad 9′ adapted to engage a chair back or other support to which the structure is applied.

The hooks 2 at the upper ends of the hanger bars may or may not be incased by tubular pads 2′.

The seat proper is pliable, being preferably a fabric web or bag A depending from the rectangular wire seat frame 3, and having its upper margins folded over said frame. These margins may be provided with suitable stitches to secure the seat proper to the frame 3. Openings 10 (Fig. II) are formed in the front of the seat proper to receive the limbs of the occupant of the seat.

It will be understood that the new device can be easily and quickly applied to a support, as shown in Fig. I. The hooks 2 may engage the upper portion of a chair back, or may be secured to any other suitable support, and the cross bar 9 engages the support to coöperate with the hooks in holding the seat in a horizontal position. It will be observed that the simple elements of the new structure are combined with each other to produce a very strong suspended seat. The diagonal braces 7 are arranged at opposite sides of the depending seat A and they are so combined with the seat frame 3 and hanger bars 1 and cross bar 9 as to provide a very substantial structure which may be instantly folded and unfolded.

I claim:—

1. A portable foldable seat comprising hanger bars provided with pivot bearing members, a seat frame having spaced offset pivot portions integral therewith and seated on said hanger bars and journaled in said pivot bearing members to permit pivotal

movement of said seat frame relative to said hanger bars without lateral movement of the seat frame, foldable supports connecting said seat frame to said hanger bars, said supports each comprising a pair of members pivotally connected together, one member of said pair of members having a stop integral therewith and adapted to automatically abut the other member of the pair so as to limit the pivotal movement therebetween, and a cross-bar joining the lower portions of the hanger bars and being offset outwardly from its plane of juncture with the hanger bars so as to provide an engaging surface for the fixture to which the portable seat is applied.

2. A portable foldable seat comprising hanger bars, hooks at the upper ends of said hanger bars whereby they may be suspended, a cross bar connecting the lower ends of said hanger bars and being offset therefrom so as to provide a surface engaging the fixture to which the portable seat is applied, a rectangular seat frame pivoted to said hanger bars at points between said hooks and cross bar, foldable supports connecting said seat frame to said hanger bars, said supports each comprising a pair of members pivotally connected together, and a fabric seat pocket depending between said foldable members and having its open upper margin folded over and secured to said rotating seat frame.

In testimony that I claim the foregoing I hereunto affix my signature.

JOHN A. EBERLE.