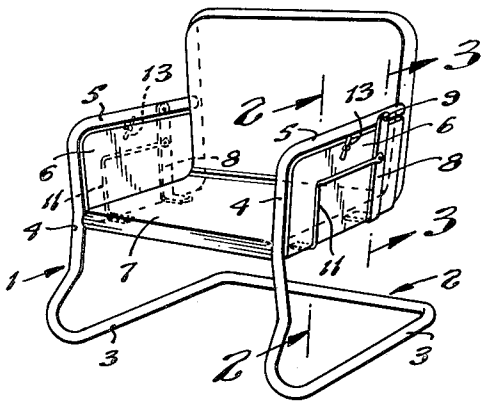
Dec. 9, 1952 J. J. SARNAK 2,620,857

BABY CHAIR WITH SIDE GUARDS

Filed Oct. 31, 1950

Fig. 1.



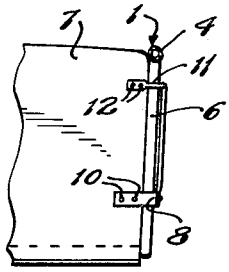


Fig. 4.

Fig. 2.

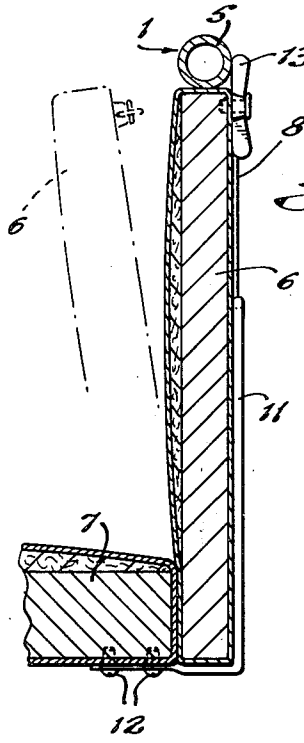
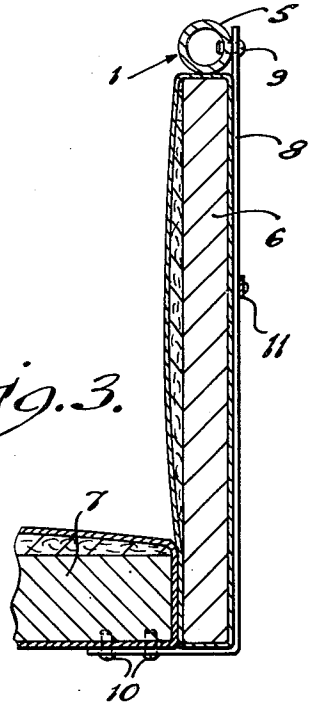


Fig. 3.



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Patented Dec. 9, 1952

2,620,857

UNITED STATES PATENT OFFICE

2,620,857

BABY CHAIR WITH SIDE GUARDS

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Application October 31, 1950, Serial No. 193,365

6 Claims. (Cl. 155—50)

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The present invention relates to a baby chair and in particular to a baby chair formed of tubular material having open sides.

It has been found that the open sides of the baby chair are dangerous for small infants, since they may slip out or they may hurt themselves on sidebars provided in the open space formed by the arm supports, and if they are provided permanently, the sides of the chair cannot be cleaned.

It is, therefore, one object of the present invention to provide removable means for closing up the open side spaces, which means may be removed when the infant is grown and out of danger to slip through the open side spaces.

It is another object of the present invention to provide preferably upholstered side walls removably inserted into the space formed by the horizontally and vertically disposed portions of the tubular frame above the seat.

It is still another object of the present invention to provide supporting means for the side walls of the baby chair which permit of filling the open side spaces of the chair.

It is yet another object of the present invention to provide means for retaining the side walls in inserted position.

With these and other objects in view which will become apparent in the following detailed description, the present invention will be clearly understood in connection with the accompanying drawing, in which:

Figure 1 is a perspective front view of the chair with inserted side walls;

Fig. 2 is a section along the lines 2—2 of Fig. 1 at an enlarged scale;

Fig. 3 is a section along the lines 3—3 of Fig. 1 at an enlarged scale;

Fig. 4 is a fragmentary bottom plan view of the chair with inserted side wall.

Referring now to the drawing, the baby chair comprises a tubular frame 1 which has a horizontally disposed U-shaped base 2, the legs 3 of which are turned upwardly at their front ends to extend into substantially vertically disposed portions 4 which are bent rearwardly into substantially horizontally disposed portions 5, which may be used as arm supports or as bases for specially devised arm supports (not shown) mounted thereon.

In accordance with the present invention a preferably upholstered side wall 6 is inserted into the open space formed by the horizontally disposed portion 5 and the upper part of the vertically disposed portion 4. Approximately at the

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center of the latter an upholstered seat 7 is secured thereto, the rear end of which seat 7 is supported by a vertically disposed bar 8. The upper end of the latter is permanently secured by means of a rivet 9 or other convenient means to the horizontal tube portion 5, while the lower end is bent inwardly to be attached by screws 10 or the like to the bottom face of the seat 7. The horizontal portion of the bar 8 extends from the seat for a length which is equivalent to the thickness of the side wall 6. The bar 8 functions thus in double capacity, namely as support for the seat 7, as well as for the side wall 6. A second bar 11 is secured to the bar 8 intermediate the ends of its vertical portion and extends forwardly in substantially horizontal direction to be bent downwardly before reaching the vertical portion 4 of the tube. The lower end of the vertically disposed portion of the bar 11 is bent inwardly, at the same level as the lower end of the bar 8 is bent inwardly, and secured to the bottom face of the seat 7 by means of screws 12 or other suitable means. The inwardly bent portion of the bar 11 extends from the seat 7 likewise for a length equivalent to the thickness of the side wall 6. The latter thus rests, in the embodiment shown in the drawing, on the horizontally disposed inwardly bent portions of the bars 8 and 11, while their vertically disposed portions operate as limiting or abutting means for the side wall 6 in order to prevent its slipping through the open side space formed by the vertical and horizontal portions 4 and 5 of the tube. It is preferable to provide two or more supporting bars, as shown in the drawing, for support of the side wall, however, the single bar, as 8, may be sufficient to provide a proper support therefor.

While the above described means are designed to prevent removal of the side walls 6 through the open side space to the outside of the chair, there is still the possibility that the side wall 6 may be involuntarily removed to its inside. Special locking means have been provided, therefore, which means do not permit removal of the side walls 6 when in their locking position. In its simplest form, the locking means may comprise a single or double armed lever 13 pivoted to the upper end of the side wall 6. When the lever 13 is turned into horizontal position the side wall 6 may be removed inwardly towards the seat of the chair and when the lever 13 is turned into substantially vertical position it will abut against the horizontal portion 5 of the tube and, thereby, prevent removal of the side wall 6.

While I have disclosed one embodiment of the

present invention, it is to be understood that this embodiment is given by example only and not in a limiting sense, the scope of the present invention being determined by the objects and claims.

I claim:

1. In a chair, a frame comprising a supporting base and two upwardly directed portions extending from the said base, two horizontally disposed portions extending from the said upwardly directed portions, a seat supported by and disposed between said upwardly directed portions of the frame, at least one first bar member extending downwardly from each of the said horizontally extending portions of the frame and spaced apart from the side edge of the said seat, a second substantially horizontally disposed bar member extending from an intermediate point of the said first bar member, then bent in downward direction spaced apart from the side edge of the said seat, to be bent again in horizontal direction towards and secured to the said seat, a side wall of a shape substantially complementary to the open space formed between each horizontal and upwardly directed portion of the said frame, disposed in the said open space and resting on the said second bar member.

2. In a chair, a frame of tubular material comprising a supporting base and two upwardly directed portions extending from the said base, the two upwardly directed portions terminating into two horizontally disposed portions, a seat supported by and disposed between said upwardly directed portions of the said frame, at least one first bar member secured to each of the said horizontally extending portions of the said frame, extending downwardly therefrom spaced apart from the side edge of the said seat, and then bent in horizontal direction towards and secured to the bottom face of the said seat, and a second bar member extending from an intermediate point of the said first bar member in substantially horizontal direction, then bent in downward direction spaced apart from the side edge of the said seat, and then bent again in horizontal direction towards and secured to the said seat, a side wall of a shape substantially complementary to the open space formed by the said horizontal and vertical portions of the said frame and resting on the said inwardly bent horizontal portions of the said first and second bar members, the said inwardly bent horizontal portions of the latter having the side wall engaging portion of a length equal to the thickness of the said side wall.

3. The chair, as set forth in claim 1, which includes means for releasably locking said side wall in its position in the said open space, thereby preventing involuntary removal of the side walls to the inside of the chair.

4. In a chair, a frame comprising a supporting base and two upwardly directed portions extending from the said base, two horizontally disposed portions extending from the said upwardly directed portions, a seat secured to the said upwardly directed portions of the frame and a back extending upwardly from the rear end of the said seat, side walls of a shape substantially complementary to the open spaces defined by the horizontal and upwardly directed portions of the said frame and by the said seat and the said back and removably disposed in the said open spaces, and a device for preventing outward movement of each side wall from its open space comprising bar means extending substantially horizontally from and secured to the bottom face of the said seat and then bent in upward direction, and said side wall resting on the horizontal portion of the said bar means.

5. In a chair, a frame comprising a supporting base and two upwardly directed portions extending from the said base, two horizontally disposed portions extending from the said upwardly directed portions, a seat secured to the said upwardly directed portions of the frame and a back extending upwardly from the rear end of the said seat, side walls of a shape substantially complementary to the open spaces defined by the horizontal and upwardly directed portions of the said frame and by the said seat and the said back and removably disposed in the said open spaces, and a device for preventing outward movement of each side wall from its open space comprising bar means extending downwardly from the adjacent horizontally extending portion of the said frame, and spaced apart from the adjacent side edge of the said seat, and then bent in horizontal direction towards and secured to the bottom face of the said seat, and each side wall resting on the horizontal portion of the adjacent bar means.

6. In a chair, a frame comprising a supporting base and two upwardly directed portions extending from the said base, two horizontally disposed portions extending from the said upwardly directed portions, a seat secured to the said upwardly directed portions of the frame and a back extending upwardly from the rear end of the said seat, side walls of a shape substantially complementary to the open spaces defined by the horizontal and upwardly directed portions of the said frame and by the said seat and the said back removably disposed in the said open spaces, and a device for preventing outward movement of each side wall from its open space comprising at least one first bar member extending downwardly from each of the said horizontally extending portions of the frame and spaced apart from the adjacent side edge of the said seat, and then bent in horizontal direction towards and secured to the bottom face of the said seat, and a second bar member extending from an intermediate point of each first bar member employed in substantially horizontal direction, and each side wall resting on the horizontal portion of the adjacent first bar member.

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