Sept. 8, 1953 D. I. McWAIN ET AL 2,651,353

CHILD'S PORTABLE FOLDING HIGH SEAT

Filed Aug. 1, 1950

Fig. 1.

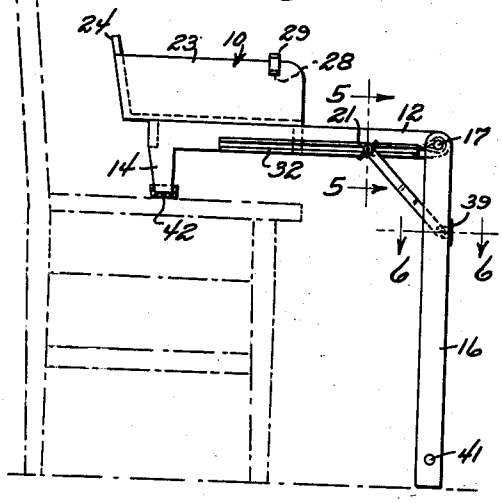



Fig. 2.

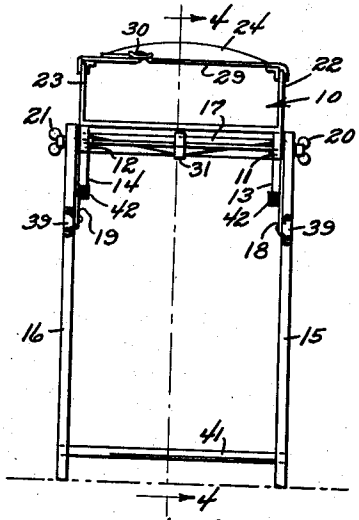



Fig. 3.

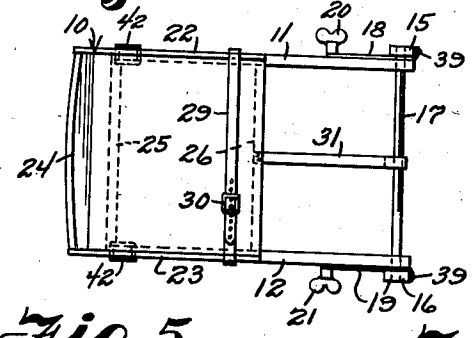



Fig. 4.

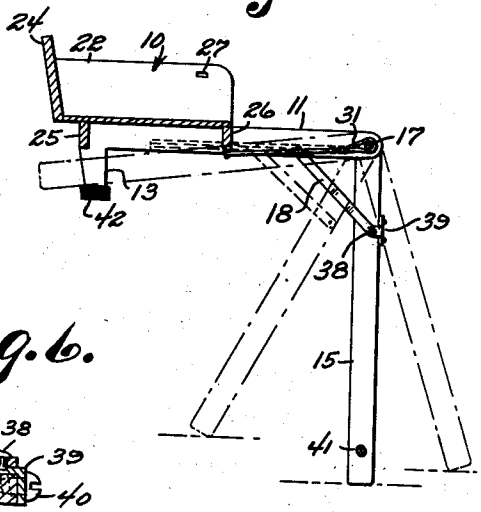



Fig. 5.

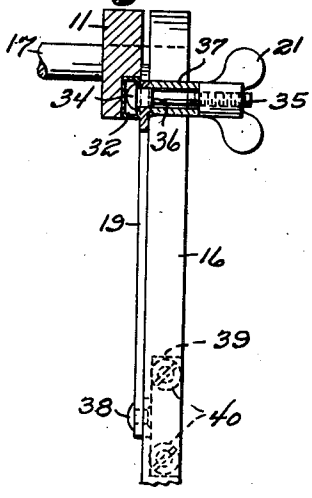



Fig. 6.

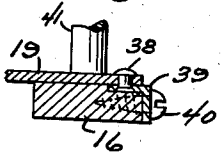
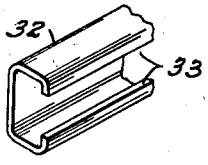



Fig. 7.




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## CHILD'S PORTABLE FOLDING HIGH SEAT

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Application August 1, 1950, Serial No. 177,082

1 Claim. (Cl. 155—131)

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This invention relates to folding extension seats for children, and in particular a seat mounted on a folding frame and adapted to be supported on a chair or seat at a table, bench, motor vehicle seat or the like whereby the elevation of a child positioned in the seat corresponds to that of an adult on a seat corresponding to the seat on which the folding high seat is used.

The purpose of this invention is to provide a folding seat that may be used in combination with the conventional dining room chair whereby a child may be seated in a comfortable position at a dining room table, breakfast room table or in a motor vehicle.

Various devices have been provided for elevating seats for children in dining rooms, restaurants, motor vehicles and the like but the conventional folding seat of this type is either attached to a chair or table and because of the different styles of chairs it is difficult to install a seat of this type on a chair and where the seats are self supporting such as in a high chair they are objectionable because, not being foldable, valuable floor space is taken up thereby. With this thought in mind this invention contemplates a seat mounted on two folding frames with legs on one frame positioned to rest upon the seat of a chair and with the other frame positioned to extend to the floor whereby the seat is positively supported on the chair and floor.

The object of this invention is, therefore, to provide a folding frame for a seat whereby a child's seat may be positioned in an elevated position on a chair and, at the same time partly supported from the floor.

Another object of the invention is to provide a folding seat support in which the elevation thereof is adjustable.

A further object of the invention is to provide a collapsible child's seat support for retaining a seat in an elevated position above a chair or the like which is of a simple and economical construction.

With these and other objects and advantages in view the invention embodies a substantially horizontally disposed frame with elongated slots in side rails thereof and with extensions at the rear positioned to be supported on the seat of a chair, a seat positioned on said horizontally disposed frame, a vertically disposed frame pivotally mounted on the outer ends of the rails of the horizontally disposed frame and diagonally positioned braces pivotally mounted on the vertically disposed frame and having thumb screws in the inner ends whereby the inner ends of the

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braces are slidably mounted in the elongated slots of the rails at the sides of the horizontally disposed frame.

Other features and advantages of the invention will appear from the following description taken in connection with the drawings wherein:

Figure 1 is a side elevational view of the child's portable folding high seat showing the end of the device supported on a chair, the chair being shown in dot and dash lines.

Figure 2 is a front elevational view of the seat supporting frame.

Figure 3 is a plan view showing the seat and supporting frame.

Figure 4 is a vertical longitudinally disposed section taken on line 4—4 of Figure 2 showing the vertical frame in different positions in dotted lines to which the frame may be adjusted for varying the height of the seat.

Figure 5 is a detail showing a section through one of the side rails of the horizontally disposed frames, taken on line 5—5 of Figure 1 and showing a thumb screw for holding the upper end of a diagonal brace in the side rail of the frame.

Figure 6 is a detail taken on line 6—6 of Figure 1 showing the pivotal connection of one of the diagonal braces of one of the posts of the vertically positioned frame.

Figure 7 is a detail illustrating a sliding section in one of the side rails of the horizontally disposed section of the frame.

Referring now to the drawings wherein like reference characters denote corresponding parts the child's portable high seat of this invention includes a seat 10 carried on side rails 11 and 12 of a horizontally disposed frame having integral downwardly extending supporting legs 13 and 14 at the rear, a vertically disposed frame having posts 15 and 16 pivotally mounted in the outer ends of the rails 11 and 12 by a shaft 17, and diagonal braces 18 and 19, the inner ends of which are held by thumb screws 20 and 21.

In the design shown the seat 10 is provided with sides 22 and 23, a back 24 and supporting bars 25 and 26. The upper edges of the sides 22 and 23 may be provided with openings 27 and 28 in which a strap 29 with a buckle 30 therein may be positioned which may or may not be used as may be desired. A similar strap 31 extends from the lower edge of the bar 26 to the shaft 17, as shown in Figures 3 and 4.

The side rails 11 and 12 of the horizontally disposed frame are provided with inserts 32 which are C-shaped in cross section, as shown in Figure 7 whereby slots 33 are provided in the outer sur-

faces, and heads 34 of bolts 35 are positioned in these inserts with shoulders 36 on the bolts positioned in the slots. The thumb nuts 20 and 21 are threaded on the outer ends of the bolts 35, on each side of the frame, respectively and sleeves 37, positioned on the bolts and extended over the shoulders 36 thereof bear against the side surfaces of the diagonal braces 18 and 19 through the upper ends of which the bolts extend, as shown in Figure 5.

The opposite ends of the diagonal braces are pivotally mounted by rivets 38 in angle shaped clips 39 which are secured on the edges of the posts 15 and 16 by screws 40, as shown in Figure 6.

The lower ends of the posts 15 and 16 are retained in spaced relation by a rod 41.

Caps of rubber or other resilient material, as indicated by the numeral 42 are provided on the lower ends of the legs 13 and 14 to prevent scratching or maring seats or other parts of furniture upon which the seat may be used.

With the parts arranged in this manner the frames are folded for storage, shipping and the like and when it is desired to use the seat the vertically disposed frame is extended to substantially a vertical position and with the legs at the inner end of the horizontally disposed frame positioned upon a seat or parts thereof the position of the vertically disposed frame is adjusted until the seat is substantially level. The thumb nuts are tightened to retain the parts in the adjusted positions.

With the parts in position a child in the seat may eat at the same table with his parents and, being in a comfortable position will not be distracted and will eat more efficiently.

It will be understood that modifications may be made in the design and arrangement of the parts without departing from the spirit of the invention.



What is claimed is:

In a folding elevating seat, the combination which comprises a first frame having side rails with integral legs having caps of resilient material on the lower ends, said legs being extended downwardly from the inner ends of the said side rails, said side rails having longitudinally extended elongated slots therein, relatively spaced transversely extending supporting bars fixed at their respective ends to said side rails, a seat carried by the supporting bars connected to the said side rails of the first frame and positioned on the frame so that the seat extends from a point intermediate the ends of said frame toward one of said ends, a second frame having posts at its sides pivotally attached to the outer ends of the rails of the first frame, diagonal braces pivotally attached to the posts of the second frame at one end and mounted for longitudinal sliding movement in relation to said side rails in the slots of the side rails of the first frame at the other end by bolts with clamping thumb nuts thereon for clamping the ends of the diagonal braces in the slots of the side rails of the first frame.

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