July 18, 1950 J. E. ROBINSON 2,515,527

BOOSTER SEAT FOR CHAIRS

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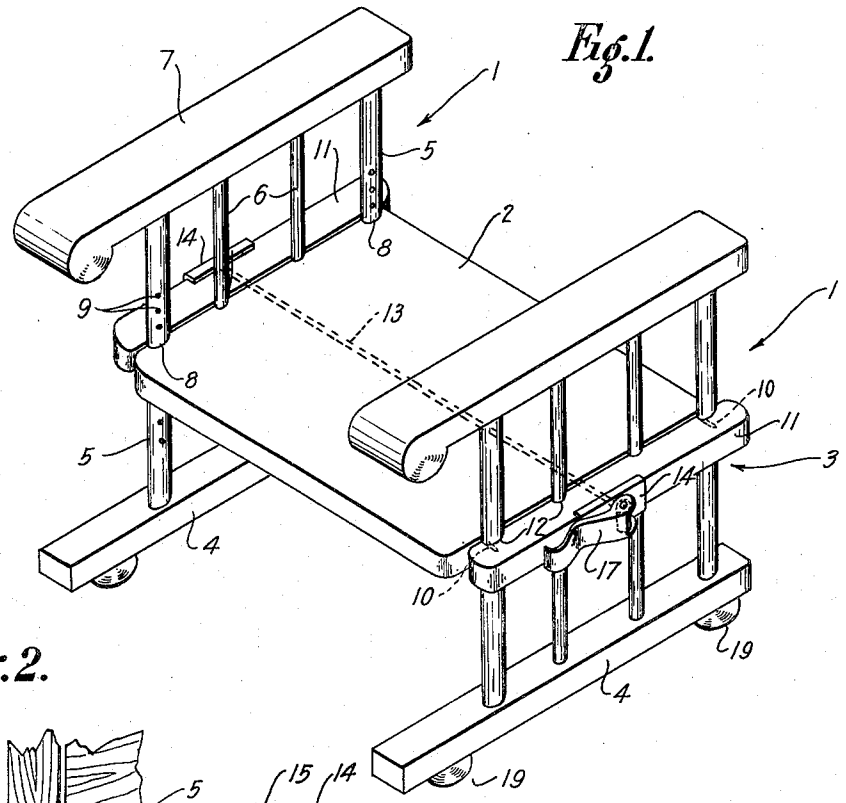
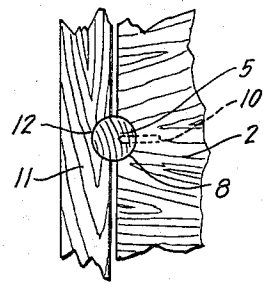


Fig. 1.

Fig. 2.



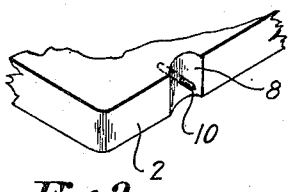


Fig. 3.

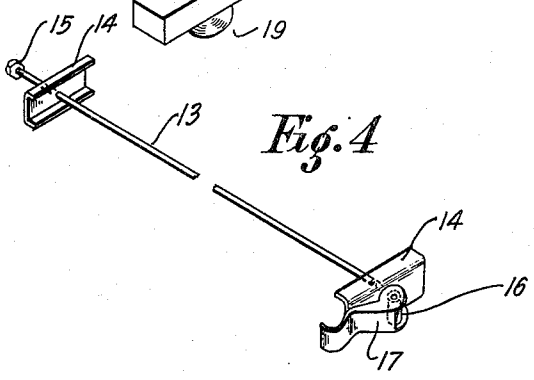


Fig. 4.

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Fig. 5.

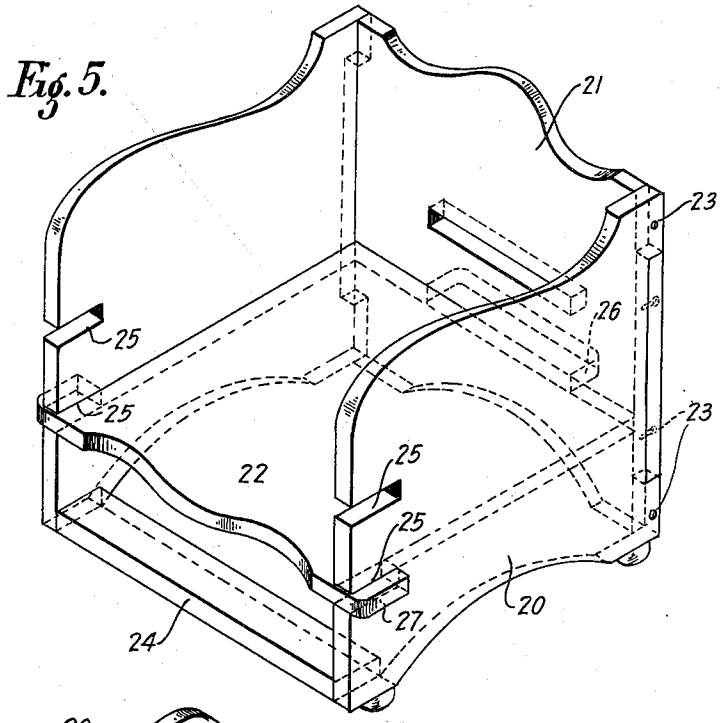
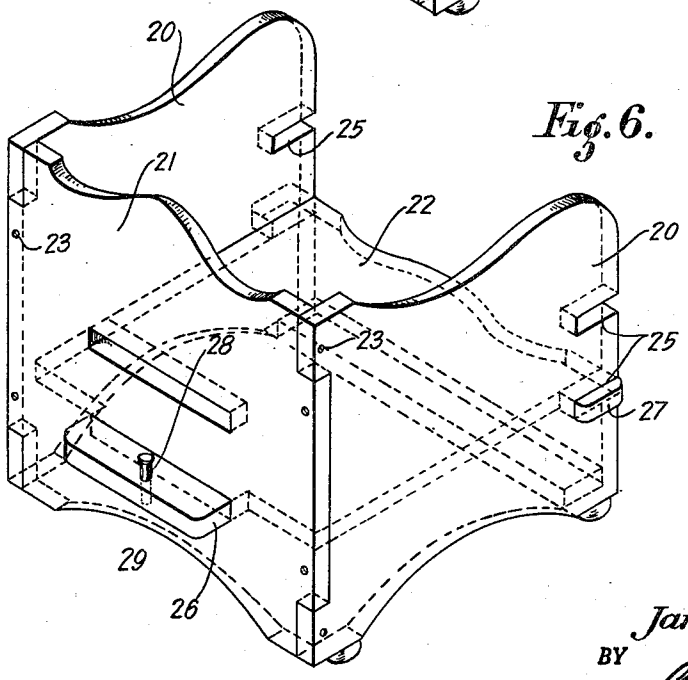


Fig. 6.



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BOOSTER SEAT FOR CHAIRS

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4 Claims. (Cl. 155—131)

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The present invention relates to improvements in a booster seat for a chair and its principal object is to provide an auxiliary seat adapted for placing on a conventional chair in an elevated position for accommodating growing children, probably between the ages of 2 and 6 years, to allow the child to sit at the table along with the grownups at a convenient height.

More particularly, it is proposed to provide an auxiliary seat adjustable to different heights above the chair seat to accommodate children of different ages.

It is further proposed to provide the booster seat with arms on both sides so as to keep the child from sliding off or from jumping off sidewise.

It is also proposed to provide a booster seat of the character described that is portable, adapted for use in connection with any chair, occupies relatively little space and is collapsible for storing and transport in motor vehicles or the like.

Further objects and advantages of my invention will appear as the specification proceeds, and the novel features of my invention will be fully defined in the claims attached hereto.

The preferred forms of my invention are illustrated in the accompanying drawings, in which

Figure 1 shows a perspective view of a booster seat made in accordance with my invention,

Figure 2, a sectional detail view of a positioning means used in my invention,

Figure 3, a fragmentary perspective view of an edge portion of an auxiliary seat used in my invention,

Figure 4, a perspective detail view of an anchoring means used in connection with my booster seat,

Figure 5, a perspective view of a modified form of the booster seat, and

Figure 6, a perspective view of the same form as seen from a different angle.

While I have shown only the preferred forms of my invention, I wish to have it understood that various changes and modifications may be made within the scope of the claims attached hereto without departing from the spirit of the invention.

Referring to the drawings in detail, and particularly to the form shown in Figures 1 to 4, my booster seat comprises in its principal features a pair of side frames 1, an auxiliary seat 2 supported between the same and clamping means generally indicated at 3 for holding the auxiliary seat to the side frames.

The side frames may be made in any desired

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manner and each side frame is here represented as comprising a baseboard 4, a pair of end posts 5 rising therefrom in spaced relation, a plurality of interposed posts 6, and an arm rest 7 supported on the posts.

The auxiliary seat 2 may be made in the form of a single rectangular plate of convenient size to accommodate a child of the proposed age, and is formed with suitable notches 8 fitting against the posts of the side frames. The end posts 5 are formed, at their inner faces, with a series of perforations 9 and the notches opposing the end posts are provided with registering pins 10 adapted to fit into the perforations for supporting the auxiliary seat at any one of a number of different elevations.

The auxiliary seat is anchored in the desired position by means of cleats 11 bearing on the outside of the posts and formed with notches 12 registering with the posts. The cleats and the auxiliary seat are anchored to the posts in any suitable manner as, for instance, by means of a single through-bolt 13 extending through the entire width of the auxiliary seat and the cleats, and metal guards 14 provided upon the outer faces of the cleats. One end of the through-bolt may be provided with a head 15, while the other has a nut 16 threaded thereon, the nut having a cam member 17 pivoted thereto for the final tightening up.

The base boards 4 may be provided with suitable suction cups 19 for holding the booster seat in place when positioned on a chair seat. The overall dimensions of the booster seat are smaller than those of the conventional chair seat so that the base boards 4, when positioned, are well within the side edges of the chair seat. No back is shown in this form, it being assumed that the booster chair will be placed on the conventional chair in such a manner that the back of the main chair will also serve as the back of the booster chair.

The manner of using the chair will be readily understood from the foregoing description.

When properly adjusted for the size of the child, the seat 2 will be at a convenient height to support the child for proper handling of food and utensils disposed on the table top. To adjust the seat, it is merely necessary to unclamp and loosen the nut 16, to free the pins 10 from the apertures 9, to re-engage the pins into the desired apertures and to again tighten the nut. For storing and conveying purposes the booster seat may be readily taken apart by pulling out

the bolt 13 and rearranging the parts in adjacent relation within a relatively small space.

The form shown in Figures 5 and 6 is built on substantially the same principle, but is somewhat simpler in construction. It is preferably made of plyboard and comprises the flat side pieces 20, a flat back 21, and a flat seat 22. The side pieces may be fastened upon the side edges of the back by means of screws 23, and are interconnected in front by a suitable cleat 24. The front edges of the side pieces are formed with a series of registering slots 25, and the back is formed with a similar series of registering slots. The rear edge of the seat has a projecting lip 26 adapted for sliding engagement in any one of the back slots and the side edges of the seat have projecting wings 27 adapted for sliding engagement with the front slots 25. The seat may thus be moved in and out for proper adjustment and may be held in adjusted position by means of a pin 28 passing through a hole 29 in the lip behind the back.

I claim:

1. A booster seat for a chair comprising a pair of side frame members adapted for resting on the chair seat in spaced relation, an auxiliary seat between the frame members, cleats on the outside of the frame members, and means for clamping the cleats and opposite edges of the seat upon the frame members.

2. A booster seat for a chair comprising a pair of side frame members adapted for resting on the chair seat in spaced relation, an auxiliary seat between the frame members, cleats on the outside of the frame members, and adjustable means for clamping the cleats and opposite edges of the seat upon the frame members at different elevations.

3. A booster seat for a chair, comprising a pair of spaced base boards, a series of posts rising from each board, arm rests supported on the posts, a seat mounted between the two series of posts and having notches at opposite edges to receive the posts, cleats mounted upon the outside of the posts and having complementary notches to receive the posts, a bolt extending through the seat and the cleats, and means on the bolt for clamping the seat and the cleats upon the posts.

4. A booster seat for a chair, comprising a pair of spaced base boards, a series of posts rising from each board, arm rests supported on the posts, a seat mounted between the two series of posts and having notches at opposite edges to receive the posts, cleats mounted upon the outside of the posts and having complementary notches to receive the posts, a bolt extending through the seat and the cleats, and means on the bolt for clamping the seat and the cleats upon the posts, the seat and the posts having cooperative means for positioning the seat with respect to the posts prior to the application of the clamping means.

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