

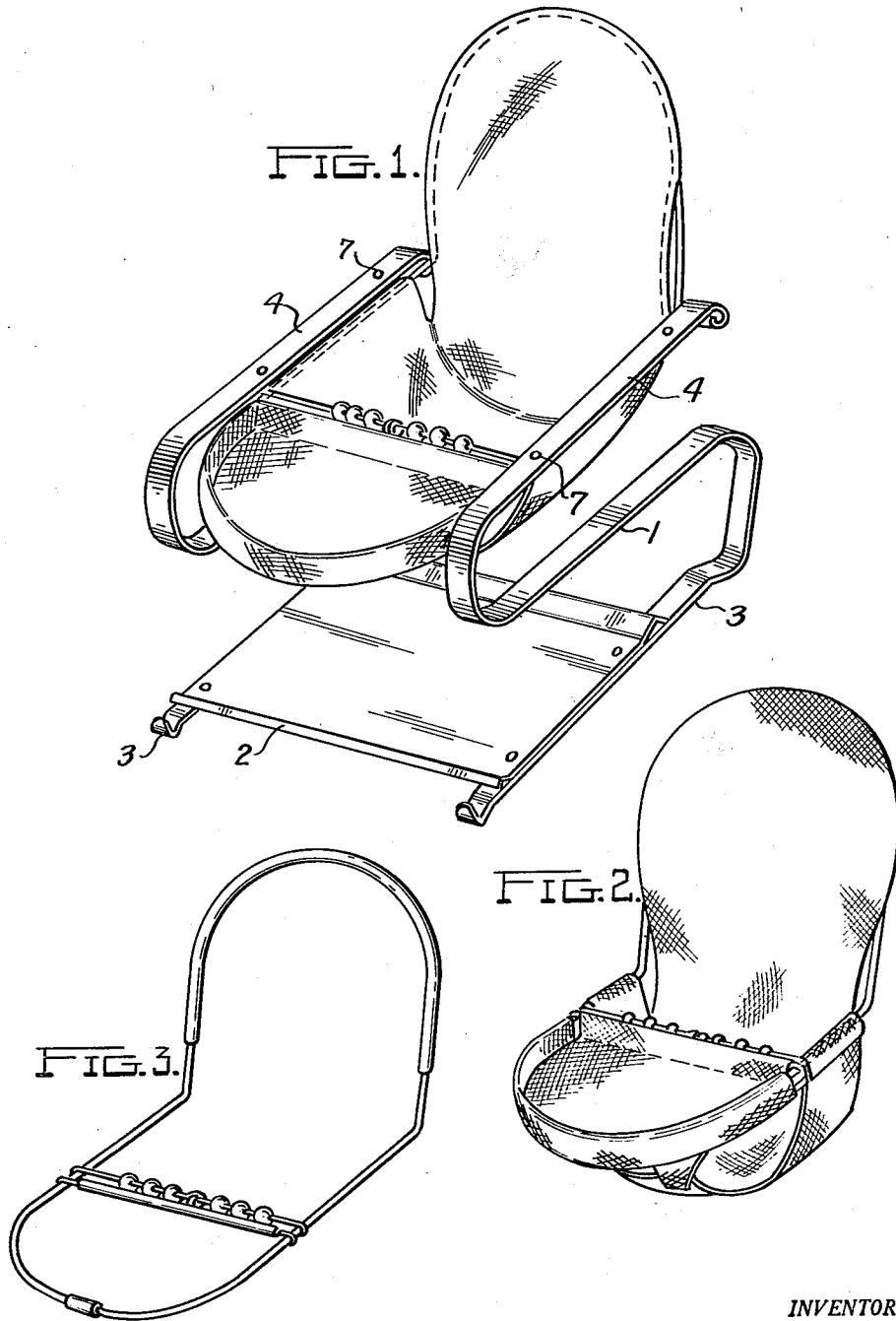
Sept. 11, 1951

P. L. BARKER
INFANT'S CHAIR

2,567,418

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2 Sheets-Sheet 1



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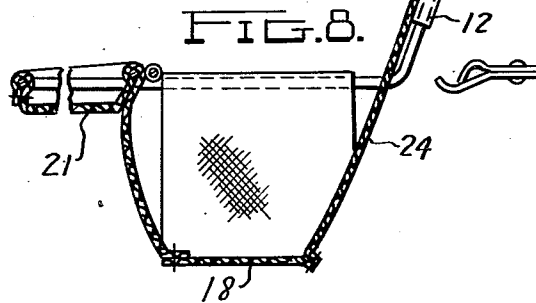
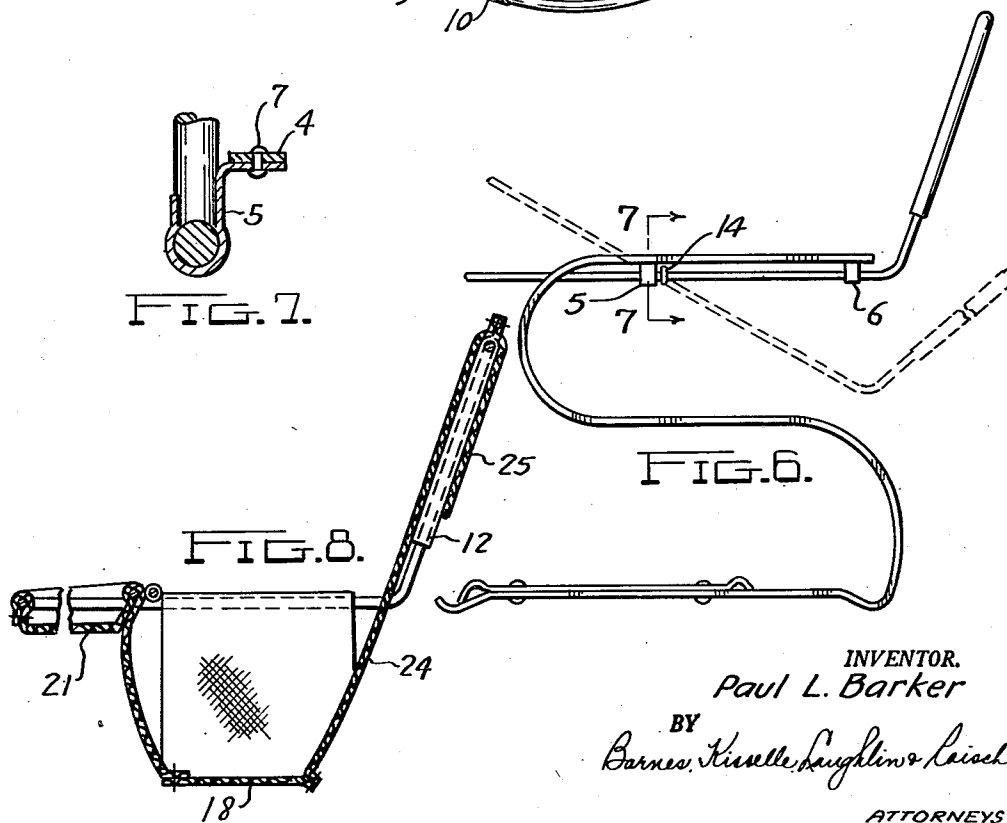
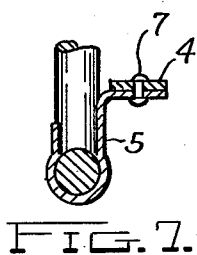
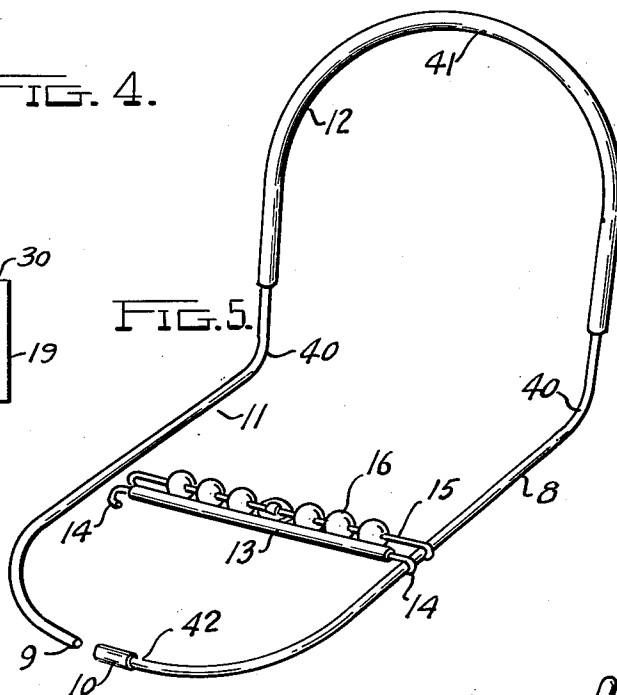
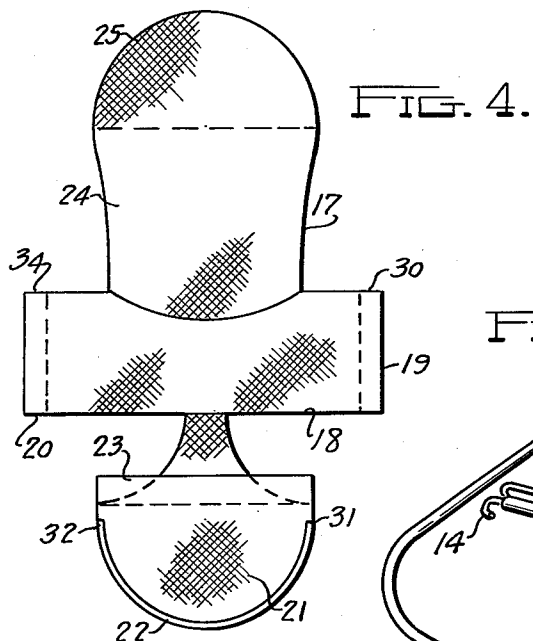
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INFANT'S CHAIR

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4 Claims. (Cl. 155-17)

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This invention relates to an infant's chair and more particularly to a chair having spring legs which will teeter or spring up and down when occupied by the infant.

It is an object of this invention to produce an infant's chair of this type which is of simple structure, durable and easily assembled and disassembled.

In the drawings:

Fig. 1 is a perspective showing my chair assembled.

Fig. 2 is a perspective of the seat portion of the chair.

Fig. 3 is a perspective of the seat frame.

Fig. 4 is a plan view of the seat cover.

Fig. 5 is a perspective showing the assembly of the seat frame.

Fig. 6 is a side elevation of the seat being assembled to the chair frame.

Fig. 7 is a section along the line 7-7 of Fig. 6.

Fig. 8 is a vertical section through the seat frame with the seat cover assembled thereto.

Referring more particularly to the drawings it will be seen that my chair comprises two upstanding legs or springs 1 of S configuration made of spring steel, a sheet metal foot rest 2 welded to the lower rungs 3 of legs 1. Each upper run 4 of each spring leg 1 has secured thereto a front U spring bracket 5 and a rear U spring bracket 6 by any suitable means, such as rivets 7. Brackets 5 will be positioned opposite to each other and the same is true of brackets 6.

The seat comprises a frame 8 made of a single rod or wire having an end 9 and a tubular end 10 forming a socket for end 9. Tube 10 can have a press fit on the end of wire 8 or be welded thereto. Seat frame 8 comprises a horizontal U portion 11 and a vertical U portion 12 approximately perpendicular to portion 11. It will be noted that the bight portions 41 and 42, respectively of frame portions 12 and 11, are positioned remote from each other and the legs of the frame portions 11 and 12 are joined together at elbows 40. Preferably separable connection 9 and 10 is located in bight portion 42 of frame 11 but if desired could be located elsewhere in frame 8. A rod 13 having a return bent portion 14 in the form of a hook at each end is provided for holding ends 9 and 10 interengaged. A rod 15, similar to rod 13 but made from lighter wire stock, carries a plurality of beads 16.

Seat canvas 17 comprises a seat portion 18 having hems 19 and 20 at each side, a tray portion 21 having an arcuate upstanding hem 22 along the forward edge and a transverse hem 23 along the

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rear edge and a back portion 24 having an envelope portion 25 which slips over the back seat frame portion 12. The seat cover is preferably made of a woven material such as canvas and tray portion 21 and back portion 24 are sewed to seat portion 19.

The assembly of my infant's chair is as follows: Cover 17 is laid flat upon a table, the front end 19 of seat frame 8 is inserted into and through hem 19 beginning at 30, Fig. 4, and continuing on through hem 22 of tray 21 beginning at 31 and ending at 32. Front end 9 of seat frame 8 is now inserted in hem 20 at 34 and continued on through this hem. Ends 9 and 10 of the seat frame are now joined by inserting end 9 into socket 10. The back 17 of the cloth seat cover is now assembled in place by drawing the envelope portion 25 over and down upon the back portion 12. Rod 13 is now passed through hem 23 of the toy tray and hooked over each side of the seat frame, as shown in Figs. 1 and 2 and indicated in Fig. 5. Wire 15 is similarly attached or hooked over each side of frame portion 11. The complete seat and toy tray is now ready for attachment to the springs on the base, as shown in Fig. 6.

The seat frame is held in the position indicated by the dotted lines of Fig. 6 and while so held the frame 8 is passed down into the two front U brackets 5 so that they snap into position, as indicated in Fig. 7. The back of the seat frame is now raised to upright position, that is, from the dotted line to the full line position Fig. 6, and the steel frame is now pressed downwardly and snapped into the two rear U brackets 6. This completes the assembly and the infant's chair is now ready for use. Rods 13 and 15 must always be to the rear of U brackets 5, as shown in Fig. 6. The elbow bend 40 between seat frame sections 11 and 12 should be even with the top rear end of springs 1.

To remove the cloth cover the steel seat frame 8 is removed only from the rear two U brackets 6, Fig. 6, and the seat frame tipped backwards and downwardly to the dotted line position, Fig. 6, until the seat frame snaps out of front U clips 5 and frees the seat frame from the clips. By tilting the seat frame downwardly, as indicated in Fig. 6, the seat frame will automatically tilt or snap out of front clips 5. This frees seat frame 8 from support frame 1 and permits rods 14 and 15 to be disconnected from the frame whereupon end 9 can be pulled out of socket 10 and the canvas slip cover removed from frame 8.

I claim:

1. In an infant's chair the combination of a

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closed wire frame comprising a horizontal U portion and a vertical U portion joined together at the ends of the legs and having their bight portions remotely positioned, said frame having at least one separable joint in the bight portion of one of said U portions which can be separated to facilitate assembly of a hemmed seat frame cover thereon, means extending transversely of and releasably connecting the legs of said last mentioned U portion for releasably retaining said separable joint in locked condition, a hemmed seat cover threaded over said frame, a support frame, and means connecting said wire frame with said support frame.

2. In an infant's chair the combination of a closed wire frame comprising a horizontal U portion and a vertical U portion joined together at the ends of the legs and having their bight portions remotely positioned, two supporting frame members for supporting said seat frame including U-shaped spring clip members carried by the supporting frame members for interengaging the horizontal U portion of said seat frame to removably secure said seat frame to said supporting frame.

3. In an infant's chair the combination of a closed wire frame comprising a horizontal U portion and a vertical U portion joined together at the ends of the legs and having their bight portions remotely positioned, said frame having at least one separable joint in the bight of one of said U portions, a hooked rod extending transversely between and releasably interengaging the legs of said U frame portion to lock the separable joint together, and a pair of side frames con-

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nected with the legs of said horizontal U portion for supporting said wire frame in spaced relation to a floor surface.

4. In an infant's chair the combination of a closed wire frame comprising a horizontal U portion and a vertical U portion joined together at the ends of the legs and having their bight portions remotely positioned, said frame having at least one separable joint in the bight of one of said U portions and a hooked rod extending transversely between and releasably interengaging the legs of said U frame portion to lock the separable joint together, a pair of side supporting frame members, a pair of U spring clips mounted at the front and rear of the upper edge of each supporting frame member, the horizontal U portion of said wire frame interengaging said U clips for mounting the wire frame on the supporting frame.

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