

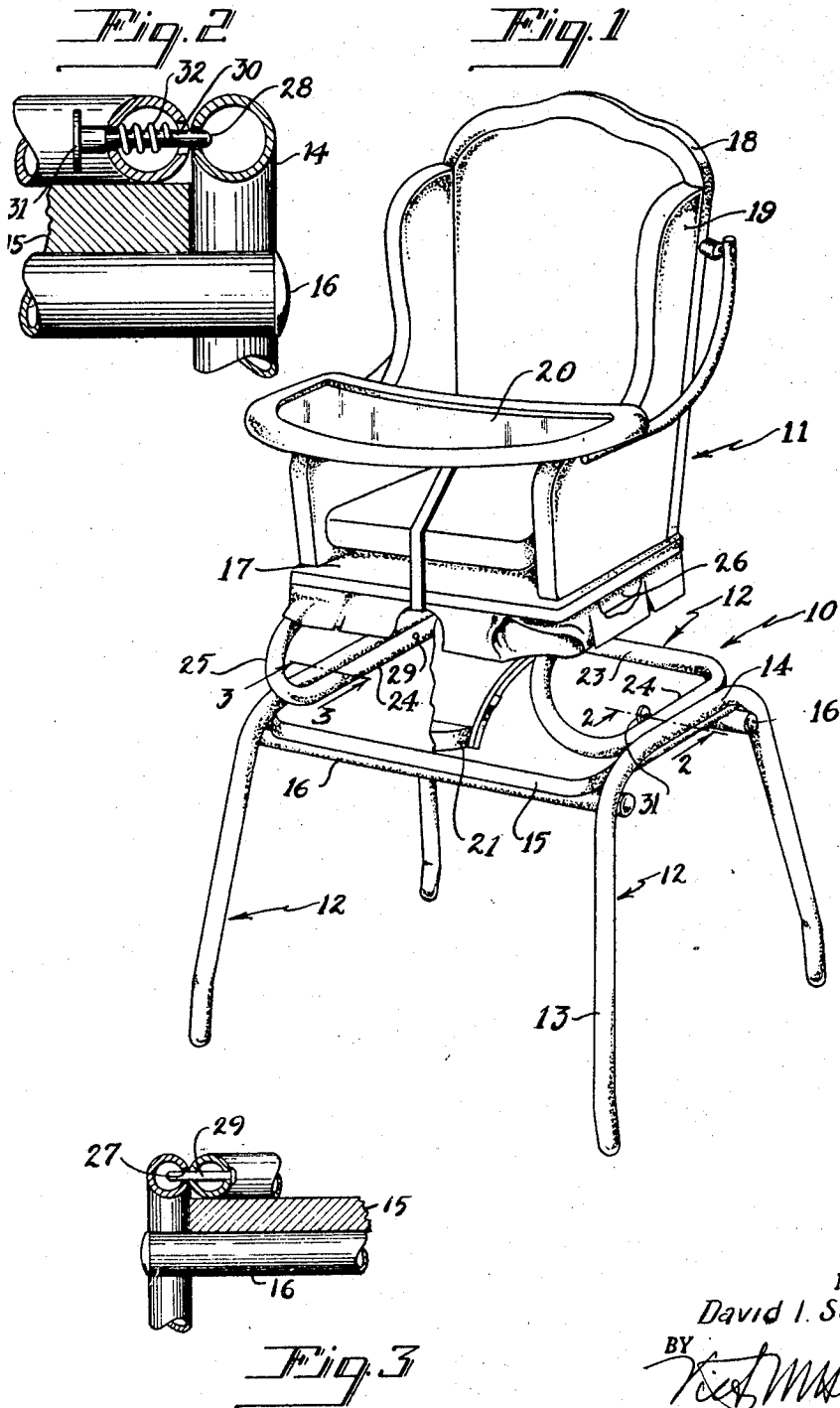
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CHILD'S CONVERTIBLE CHAIR TABLE

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CHILD'S CONVERTIBLE CHAIR TABLE

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3 Claims. (Cl. 155—39)

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The present invention relates to an article of juvenile furniture, and more particularly, to a baby's highchair.

It is an object of the present invention to provide a baby's highchair which combines, in its construction, a table and chair into which it may be easily and readily separated at will and which may just as easily and readily be reassembled into a highchair.

It is also an object of the present invention to provide an article of furniture of the character described having means for interengaging the chair and table on one another in safe and secure assembly which will not come apart inadvertently.

It is another object of the present invention to provide an article of furniture of the character described having means for interengaging the chair and table which are of simple construction, easy and convenient to operate for interengagement as well as for disengagement and which are otherwise highly efficient for their purpose.

It is still another object of the present invention to provide an article of furniture of the character described which is of strong, sturdy and durable construction and which remains sturdy and rigid both in separated and assembled state.

It is a further object of the present invention to provide an article of furniture of the character described which is of neat and attractive appearance, which is safe for infants' use by reason of its having a minimum of sharp corners and edges, and which it is easy and convenient to keep in clean and sanitary condition.

It is a still further object of the present invention to provide an article of furniture of the character described which is of simple construction, easy to assemble and economical to produce and which possesses many other advantages and superiorities over similar articles at present in use, some of which will hereinafter be more fully set forth and others of which will become readily apparent to those skilled in the art from the embodiment thereof shown in the accompanying drawing and from the description following. It is to be understood, however that such embodiment is shown by way of illustration, to make the principles and practice of the invention more readily comprehensible, and without any intent of limiting the invention to the specific details therein shown.

In the drawings:

Fig. 1 is a perspective view, partly broken away, of the article of furniture of the present invention, shown as assembled into a highchair;

Fig. 2 is a section taken on line 2—2 of Fig. 1; and

Fig. 3 is a section taken on line 3—3 of Fig. 1. Referring more specifically to the accompany-

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ing drawings, the high chair of the present invention comprises a table member, generally designated as 10, and a chair member, generally designated as 11, resting upon and removably interengaged with the table member.

While the table, 10, may be of any conventional type, except for the presence of horizontal bars or rails or other type of projections on two opposed sides of the table board, for purposes hereinafter to be set forth, I prefer to have the same formed of two inverted, U-shaped, tubular steel members 12, each having the leg portions 13 and the connecting portion 14. A table board 15 is supported between the members 12 at a level below the connecting portions 14, so that said connecting portions 14 form horizontally disposed railings on two opposed edges of the table board 15. This may be accomplished, preferably, by means of transverse tubular rods 16 connecting the members 12 by being secured to the leg portions 13 at an appropriate distance below the connecting portions or railings 14; such rods 16, serving as braces and connecting and spacing means for the members 12, as well as supporting means for the table board 15. The upper surface of the table board 15 will be substantially flush with the underside of the horizontal rails 14, as clearly shown in Figs. 2 and 3 of the drawing.

The members 12 and the rods 16 may be secured to one another in any suitable manners, as by welding, or the like. The table board 15 may also be supported on the rods 16 and may be secured thereto, in any desirable and suitable manner.

The chair member 11 may comprise the seat 17, back and side rests 18 and 19, respectively, tray 20, and foot rest 21, all of which may be of conventional design and construction.

The chair 11 is provided with supporting means by which it may be supported and rested on the floor or supported and spaced from the table 10. Such supporting means may be of conventional type, except that it may include horizontal runners adapted to rest on the table top 15 and to fit between the rails 14 thereof, and which incorporate cooperating interengaging means for interengagement with the rails 14 or the like.

Preferably the supporting means may comprise a tubular, U-shaped rod, having the connecting part 23 and the sides 24, which form the horizontal runners, which, together with the connecting part 23 rest upon the table top 15. The ends of the rod sides 24 are, preferably, slightly diagonally and curvedly upwardly bent, to provide relatively resilient spacing portions 25 and then rearwardly bent, to provide seat supporting portions 26.

One of the rails 14 is provided on its inner face with a pair of spaced apertures 27 and the

opposed rail 14 is provided with preferably one aperture 28. One of the runners 24 is provided on its outer face with a pair of outwardly projecting pins 29 arranged and spaced to fit and be engaged within the openings 27 and the other runner 24 is provided with an inwardly retractable lock pin 30 in register with and adapted to be engaged within the opening 28. The lock pin 30 may be provided, on its inwardly projecting end, with a knob 31 for manual engagement for withdrawing the lock pin from the opening 28. Preferably, spring means may be provided for keeping the lock pin normally in locking position, such as the coil spring 32, which may be fitted about the portion of the lock pin 30 within the runner 24.

This completes the description of one embodiment of the article of furniture of the present invention. It will be readily apparent that such article of furniture provides a high chair which may be simply and easily separated into conveniently usable chair and table, by relatively simple and easily performed operations, such as the retraction of the lock pin 30 and the simultaneous tilting and sideways movement of the chair portion 11 and which may just as easily and conveniently be reassembled into a high chair.

It will also be apparent that the operations of disassembly and assembly may be performed by one person, without requiring any assistance from others.

It will likewise be apparent that the article of furniture of the present invention is sturdy and durable, and that it provides a maximum of safety to the infant using it by reason of the maximum elimination of sharp corners and edges, and maximum of safety for dishes and food, by reason of the presence of the rails on at least two sides of the table top.

It will likewise be apparent that, while the foregoing is descriptive of a preferred embodiment of the article of furniture of the present invention, many modifications and variations therefor may be made by any one skilled in the art, in accordance with the principles hereinabove set forth and without the use of any inventive ingenuity. I therefor desire to be protected for all such modifications and variations that may be made within the spirit of the present invention and the scope of the claims hereto appended.

What I claim is:

1. An article of furniture of the character described comprising a table member consisting of a pair of substantially U-shaped supporting elements each having a pair of legs and a connecting horizontally disposed rail, a pair of connecting elements secured to the leg portions of said supporting elements, a table board supported on said connecting elements, said connecting elements secured to the leg portions at a sufficient distance below their connecting rails to bring the top surface of the table board substantially flush with the underside of said connecting rails,

and a chair having a seat portion and a supporting portion including horizontally disposed runners adapted to rest on the said table board and to fit snugly between said connecting rails each adjacent the inner face of one of said rails, and releasable interengaging means on said runners and said rails, including an aperture on one of said rails and a retractable lock pin on the associated runner adapted to fit within said aperture.

2. An article of furniture of the character described comprising a table member consisting of a pair of substantially U-shaped supporting elements each having a pair of legs and a connecting, horizontally disposed rail, a pair of connecting elements secured to the leg portions of said supporting elements, a table board supported on said connecting elements, said connecting elements secured to the leg portions at a sufficient distance below their connecting rails to bring the top surface of the table board substantially flush with the underside of said connecting rails, and a chair member having a seat portion and a supporting portion including horizontally disposed runners adapted to rest on the said table board and to fit snugly between said connecting rails each adjacent the inner face of one of said rails, and releasable interengaging means on said runners and said rails.

3. An article of furniture comprising a table member consisting of a pair of spaced side supporting elements, a pair of connecting elements therebetween, said side supporting elements including horizontal rails spaced above said connecting elements, a table board supported on said connecting elements, the top surface of the table board lying substantially flush with the underside of said horizontal rails, and a chair member having a seat portion and a seat supporting portion including horizontally disposed runners adapted to rest on the said table board and to fit snugly between said rails, each adjacent the inner face of the respective rail, and releasable interengaging means on said runners and said rails for securing the chair member on the said table member.

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