ABSTRACT

An improved chair, for use especially by a two or three year old child, the chair being designed so that it is readily adjustable in height in order to accommodate a growing child or else children of different heights; the chair comprising a structure of legs that are elevatable and which support a pair of lower platforms and a top seat having a backrest and side arms.

2 Claims, 4 Drawing Figures
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VERTICALLY ADJUSTABLE CHAIR

This invention relates generally to chairs that are designed especially to be used by children.

A principle object of the present invention is to provide a chair that can be raised so that it lets a two or three year old child be move comfortable in reaching a table. It is well known that at a certain time of a child’s growth a high chair is too high and a conventional chair used by adults is too low, so that he is obliged, by using the adult chair, to stand on his knees, which, of course, uncomfortable so that there is a need to overcome this situation.

Accordingly, it is another object of the present invention to provide a raising chair that is readily adjustable to various different height in order to suit all height of children individually.

Still another object is to provide a raising chair which in a modified design thereof allows the child to make its own adjustment in height while he is seated thereupon.

Other objects are to provide a raising chair that is simple in design, inexpensive to manufacture, rugged in construction, easy to use and efficient in operation.

These and other objects will be readily evident upon a study of the following specification and the accompanying drawings wherein:

FIG. 1 is a perspective view of the invention.
FIG. 2 is a perspective view of an elevatable seat thereof.
FIG. 3 is a side cross section of a modified design of the invention in which sand is contained within a base for sliding under the legs of an upper structure so the seat on the upper structure can be raised; the seat being able to be again lowered by simply inverting the chair so the sand gels back up in the hopper area.
FIG. 4 is an enlarged cross section on line 4-4 of FIG. 3.

Referring now to the drawing in detail, and more particularly to FIGS. 1 and 2 thereof, at this time, the reference numeral 10 represents a raising according to the present invention in which four legs 11, fitted with casters 12 on their lower ends, support a lower platform 13 about seven inches above a floor, and an upper platform 14 about seven inches above the lower platform 13. A seat 15 is positioned approximately seven inches above the upper platform 14, the seat being adaptable for a child to sit thereupon. The chair includes side arms 16 and a back rest 17 for a child sitting upon the seat.

It is to be noted that the chair incorporates means whereby the seat is able to be elevated by any suitable manner such as by telescoping the legs and locking them at a desired extension. Thus the child can be comfortably located at a table for eating or engaging in buswork or activity.

The upper platform supports a tray 18 therebeneath than can be pulled out by a pull knob 19 on its front side. Likewise, a similar structure under seat 15 is shown at 20 and with pull knob 21.

As shown in FIG. 2, an elevatable seat 22 can include upstanding edge wall 23 on three sides thereof for placement on seat 15 with either side up so that adjustability amount depends on the height of the wall 23.

Referring now to FIGS. 3 and 4, a modified design of raising chair 24 includes stationary base 25 that supports a vertically adjustable chair frame 26 thereupon.

The base 25 is a shell having four hollow legs 27 integral with hollow platform 28 at their upper end, and the shell contains sand 29.

The frame 26 includes four legs 30 that fit through openings 31 into the upper end of hollow legs 27 of the base. The frame 26 also includes seat 32, rotary arm rests 33 and a back rest 34 for safely seating a child thereupon.

A step 35 affixed to the base allows a child to easily climb up into the chair.

In use a child can easily raise the chair frame 26 himself without assistance from an adult. By bracing his feet upon platform 28 he can raise himself in a standing position off the seat and by pulling upwardly on the arm rests 33, can lift the chair frame upwardly so to slide up in the openings 31. As he does this, the sand fills under the bottom of frame legs 30 so that chair frame is thus higher. By repeating this process, the chair frame is adjusted upward any desired amount.

It is to be noted that the bottom wall 36 of the platform hollow area is tapered down toward each hollow leg so that sand will run toward them. As shown in FIG. 4, each hollow leg 27 includes an area 37 so to allow the sand to return back up to the hollow platform area when the chair is turned upside down so to reset at a lowest adjustment position. A lug 38 on each leg 30 extends partly into area 37 as shown so to give broader area to stand upon the sand.

Thus a modified design has been provided.

While various changes may be made in the detail construction, it is understood that such changes will be within the spirit and scope of the present invention as is defined by the appended claims.

What is claimed is:

1. An adjustable chair comprising a hollow base having a top platform and depending hollow legs, said base including an upper chamber directly under the platform, said chamber interconnecting with the spaces in said legs, including sand in said chamber and legs, including openings through said platform in vertical alignment with the spaces in said legs, in combination with a frame mounted on said base, said frame comprising a seat parallel to and spaced from said platform, including frame legs depending from said seat and slidably mounted snugly in said openings and extending telescopically into said hollow legs, said frame legs being in guiding engagement with the hollow legs, said frame further including a back rest secured to said seat and an arm rest disposed parallel to and spaced from said seat.

2. A chair as in claim 1 wherein the hollow legs each include a arcuate portion and a relatively narrower rectangular portion, and wherein the frame legs each have arcuate portions fitting slidably in engagement with the corresponding arcuate portions of said hollow legs.

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