H. MILLER.

NURSERY CHAIR.

APPLICATION FILED DEC. 28, 1914.

1,189,377.

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Fig. 1.

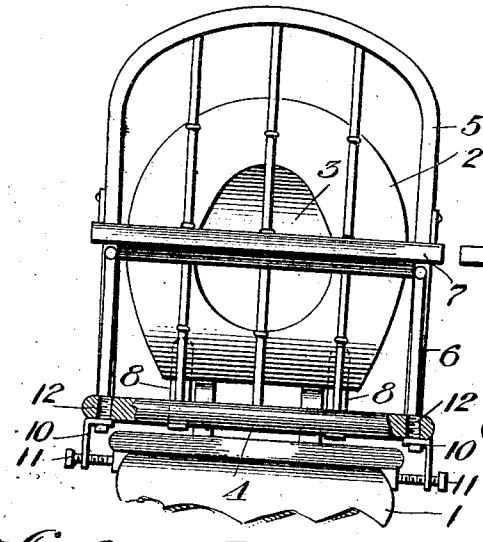


Fig. 2.

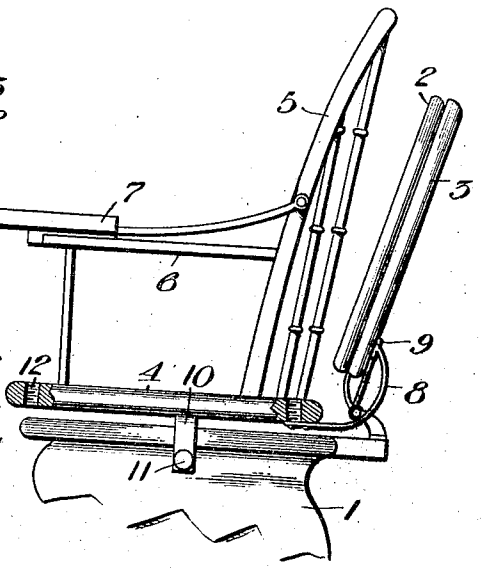


Fig. 3.

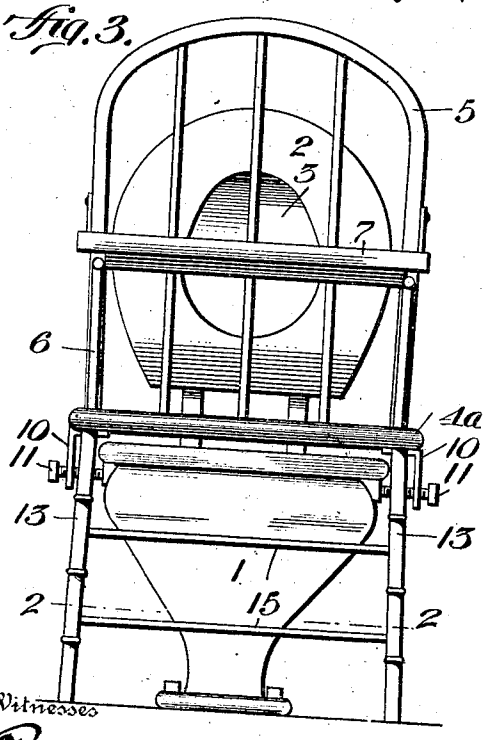
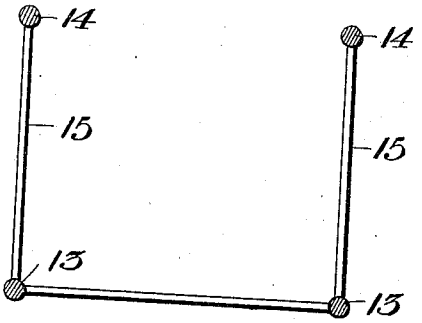


Fig. 4.



Witnesses

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NURSERY-CHAIR.

1,189,377. Specification of Letters Patent. Patented July 4, 1916.

Application filed December 28, 1914. Serial No. 879,334.

To all whom it may concern:

Be it known that I, HENRY MILLER, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented new and useful Improvements in Nursery-Chairs, of which the following is a specification.

My present invention pertains to nursery chairs; and it contemplates the provision of a nursery chair constructed with a view to being used to advantage in conjunction with a conventional water-closet bowl.

The invention in all of its details will be fully understood from the following description and claim when the same are read in connection with the drawings, accompanying and forming part of this specification, in which:

Figure 1 is a front elevation, partly in section, showing one embodiment of my invention as properly positioned on a water-closet bowl. Fig. 2 is a side elevation, partly in section, of the same. Fig. 3 is a front elevation illustrative of a modification. Fig. 4 is a section taken in the plane indicated by the line 2—2 on Fig. 3, and illustrating the arrangement of the legs and rounds of the modified construction.

Referring by numerals to said drawings and more particularly to Figs. 1 and 2 thereof: 1 is a stationary water-closet bowl. The said bowl is of conventional construction as are also the hinged seat 2 and the hinged cover 3. 4 is the seat of my novel chair. The said seat is provided at 12 with threaded sockets for the detachable connection of legs (not shown), the scheme of my invention contemplating the equipment of the seat 4 with legs when it is removed from the bowl 1 so that the chair can be used for general chair purposes. Fixed on the body 4 is a back 5, and fixed with respect to the body and back are arms 6, while 7 is a tray connected in a hinged manner with the back 5, and designed to serve the same purposes as the ordinary trays of nursery chairs. Fixed to the seat 4 and extending rearwardly therefrom and then upwardly are stop arms 8 which terminate in plates 9 designed to bear against the rear or upper side of the cover 3 when said cover is in the position shown in Figs. 1 and 2. Connected in a fixed manner with the seat 4 at points adjacent the side edges thereof are brackets 10, and threaded through said brackets are headed bolts 11, provided at their inner ends with pads, of rubber or other suitable material, designed to bear against opposite sides of the bowl 1 at points below the conventional flange thereof.

In the practical use of my improvement, the seat 4 is placed above the bowl 1, and is canted to permit of the stop arms 8 being positioned back of the cover 3, and is then brought back to the horizontal position illustrated. Subsequently to the said manipulation of the seat 4 the bolts 11 are turned inwardly to press their pads firmly against the bowl 1 whereupon the seat 4 will be strongly connected to and supported by the bowl 1. In this connection it will be noticed that the arms 8 coöperating with the cover 3 will prevent material forward movement of the seat 4 relative to the bowl 1; also, that the padded bolts 11 will effectually prevent lateral movement of the seat 4 relative to the bowl. From this it follows that it is impossible for a child by twisting or moving in the chair to displace the same from the bowl 1. When, however, it is desired to remove the seat from the bowl, the same can be readily accomplished by turning the bolts 11 outwardly and raising the forward end of the seat to disengage the stop arms 8 from the cover 3 and then lifting the seat from the bowl, after which the seat may be provided with its complement of legs and used for the purposes to which chairs are generally put.

It will be manifest from the foregoing that while I show the sockets 12 for the connection of legs, the legs may be connected to the seat 4 in any detachable manner compatible with the purpose of my invention.

The modified chair seat 4^a shown in Fig. 3 is similar to the seat 4 of Figs. 1 and 2 in that it has a fixed back 5 and arms 6 as well as a tray 7, and in that it is equipped with brackets 10 having threaded bolts 11 which terminate at their inner ends in pads of rubber or other suitable material. It will also be noted that the bowl 1, seat 2 and cover 3 of Fig. 3 are similar to the corresponding elements in Figs. 1 and 2. The seat 4^a of Fig. 3 differs from the seat 4 in that it is provided with permanently attached front legs 13 and rear legs 14, the legs 13 being connected together through the medium of front rungs 15, and said legs 13 being connected with the legs 14 through

rungs 15. It is to be understood, however, that no rungs are interposed between the legs 14, and from this it follows that the chair may be readily moved rearwardly to position the seat 4^a over the bowl 1 and may as readily be moved forwardly to detach the chair from the bowl and permit of the chair being used as an ordinary nursery chair.

When the chair is arranged to place the seat 4^a over the bowl 1, it may be readily and securely fixed in such position by turning the bolts 11 inwardly so as to clamp their pads against opposite sides of the bowl 1, and when this is done it is practically impossible for a restless child to move the chair with respect to the bowl 1. From this it follows that to remove the chair from the bowl it is only necessary as a condition precedent to turn the bolts 11 outwardly.

When desired, it is obvious that the seat 4^a of the embodiment shown in Fig. 3 may be provided with stop arms similar to the stop arms 8 of the seats 4 shown in Figs. 1 and 2 for the same purpose.

It will be gathered from the foregoing that both embodiments of my invention are simple and inexpensive in construction and are well adapted to withstand the rough usage to which nursery furniture is ordinarily subjected.

In using the construction shown in Fig. 3, it is obvious that without departure from my invention, the back 5 and the tray 7 may be made much narrower than the seat 4^a, this with a view to enabling the back 5 and tray 7 to properly hold a small child without interfering with the capacity of the apertured seat 4^a and the widely separated legs 2 to rest over the bowl 1 as shown.

I would also have it understood that when desired covers may be provided for the apertures in all of the seats 4 and 4^a, this to convert the chairs into ordinary infant chairs.

Having described my invention, what I claim and desire to secure by Letters-Patent, is:

The herein described nursery chair, comprising a seat, means for supporting said seat above a water-closet bowl, said means being constructed and arranged to prevent endwise movement of the seat from its position above the bowl, means carried by the seat for confining a child thereon, and an arm fixed with respect to the underside of the seat and extending rearwardly beyond the rear edge of the seat and then upwardly and forwardly and terminating at its upper end in a portion constructed and arranged to bear against the rear side of an upstanding seat cover, for the purpose set forth.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

HENRY MILLER.

Witnesses:
JOSEPH NEW,
WILLIAM DUBOIS.