

1,259,604.

Patented Mar. 19, 1918.

Fig. 1.

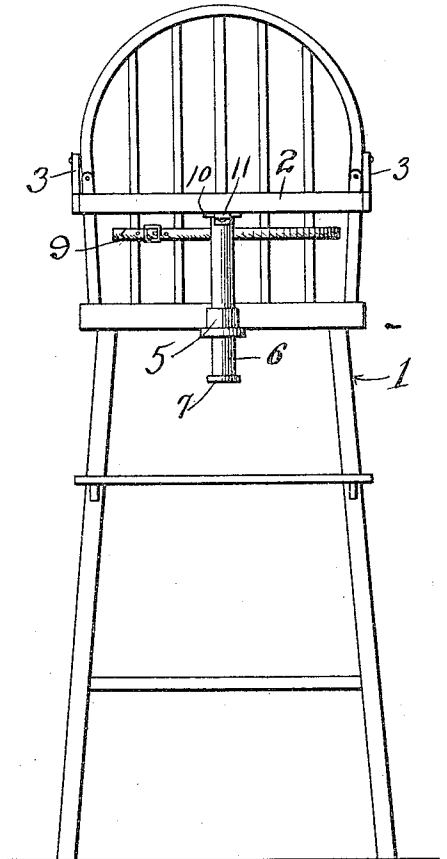


Fig. 2.

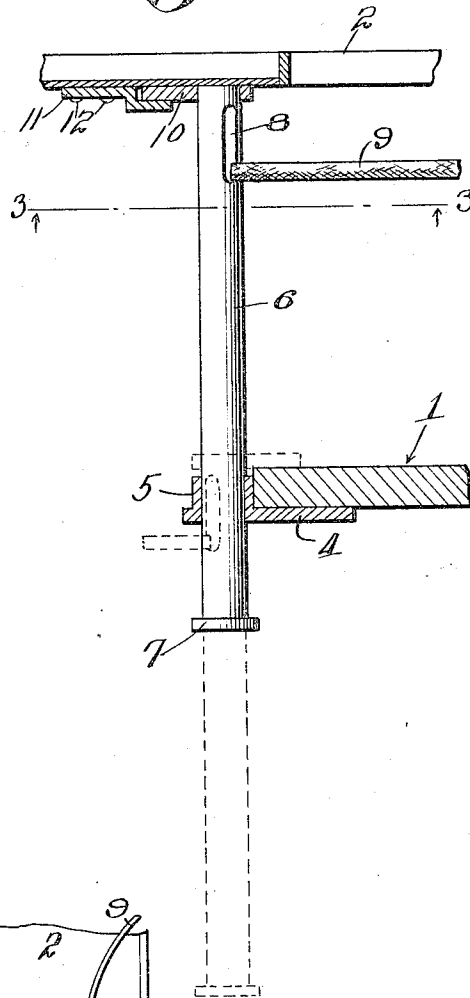
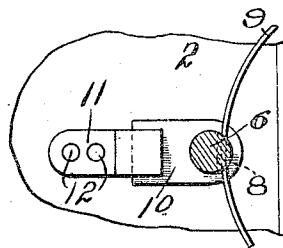


Fig. 3.



WITNESSES

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WILLIAM F. COOK, OF JERSEY CITY, NEW JERSEY.

HIGH CHAIR.

1,259,604.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, WILLIAM F. COOK, a citizen of the United States, residing at Jersey City, in the county of Hudson and State of New Jersey, have invented certain new and useful Improvements in High Chairs, of which the following is a specification.

My invention relates to chairs, and more particularly, to an attachment for children's chairs, commonly called high-chairs.

It is the principal object of the invention, to provide an attachment for chairs of the type stated, whereby a child will be prevented from rising in the chair and falling therefrom.

An important characteristic of the present invention, resides in the novel construction of the strap attaching means, whereby, material upward movement of the child will be positively prevented, the said attaching means being so arranged as to cause the child to straddle the same and by so doing will eliminate the liability of the child slipping forwardly out of the chair.

Another important feature of the invention resides in the mounting of the strap attaching means, which may be readily moved into and out of the way, whereby to permit the child to be easily removed from the chair when so desired.

All of the foregoing together with other advantageous details and arrangement of parts of the preferred embodiment of my invention will be clear from the specific description hereinafter contained, when read in connection with the accompanying drawings forming a part thereof, wherein said embodiment of the invention is illustrated for the purpose of facilitating a full understanding of the present improvement.

In the drawings:—

Figure 1 is a front elevation of a child's chair with my improved attachment applied thereto.

Fig. 2 is a fragmental section in detail showing the specific mounting and arrangement of the strap attaching means, and

Fig. 3 is a transverse section taken on the line 3—3 of Fig. 2.

Referring more particularly to the drawings wherein like reference numerals refer to corresponding parts throughout the views, I employ the usual chair which I have indicated in entirety by the numeral 1, the chair being provided with a pivotally mounted

food supporting tray 2, which is attached to the back of the chair by means of arm portions 3. In the preferred embodiment of my attachment, I arrange upon the seat of the chair, at a point substantially the middle of the outer marginal edge, a bracket member 4 having formed upon its outermost extremity, an annular collar 5. This bracket 4 may be attached to the under side of the seat by any suitable means, such as screws or the like. A cylindrical post 6 having an enlarged head portion 7 formed upon its lower extremity is receivable within the annular collar 5 of the bracket 4 and is adapted for vertical movement therein. An elongated slot 8 is formed within the upper extremity of the cylindrical closure 6 to one side thereof and provides for means whereby the body encircling strap 9 may be passed therethrough. A laterally distended finger 10 having a suitable opening adjacent one end thereof, is receivable upon the upper extremity of the cylindrical post 6 and is immovably affixed thereto. A catch 11 which is secured to the underside of the pivotally attached food supporting tray 2 by means of fastening devices 12 is adapted to receive the outer portion of the laterally distended finger 10 and when thus engaged it will be obvious that the cylindrical post 6 will be held in distended position ready for receiving the body encircling strap 9 through its elongated slot 8.

In attaching the strap 9 to the body of the child, it is obvious that the child is first placed within the seat of the chair and the strap then fastened around it. The legs of the child extending forwardly will be straddling the cylindrical post 6 and consequently, will prevent it from slipping forward beneath the food tray 2 and falling to the floor. To remove the child from the chair, it is only necessary that the strap 9 be disconnected, the post turned slightly within its supporting bracket so as to disengage the laterally distended finger 10 from the receiving catch 11 whereupon, the post will then move to its lowermost position as shown to advantage in dotted lines in Fig. 2, thus permitting the ready removal of the child, when the food supporting tray 2 has been swung upwardly over its head.

From the foregoing, it will be obvious to workers in the art, that I have provided for a simple and inexpensive attachment whereby the child will be positively prevented

from climbing out of its chair and falling to the floor, also a device which may be readily attached to any of the so-called high-chairs as now marketed without alteration thereto.

Still further embodiments of the invention than those herein especially defined can be resorted to as conditions and preference may dictate and as may be in keeping with the hereto appended claims.

I claim:—

1. An attachment for children's chairs, comprising a slidable vertically disposed member supported by the seat of a chair, and means arranged upon the upper extremity of said member to facilitate the attaching of a body encircling strap thereto.

2. An attachment for children's chairs, comprising an annular bracket member secured to the seat of a chair, a movable vertically disposed member receivable within said annular bracket and engageable with the food tray of the chair whereby the same may be maintained in raised position, and means arranged upon the upper extremity of said member to facilitate the attaching of a body encircling strap thereto.

3. An attachment for children's chairs, comprising an annular bracket secured to the seat of a chair, of a slidable vertically disposed member receivable within said bracket and provided with means upon its lower extremity to prevent excessive upward movement thereof, means arranged upon the upper extremity of said member engageable with the food supporting tray of the chair whereby the same may be maintained in a raised position, and a slot formed within the upper extremity of the vertically disposed member for facilitating the attaching of a body encircling strap thereto.

4. An attachment for children's chairs, comprising an annular bracket secured to the seat of a chair, a slidable vertically disposed member receivable within said annular bracket and having an enlarged head arranged upon its lowermost extremity to prevent excessive upward movement thereof, a laterally distended finger arranged upon the upper extremity of the vertically disposed

member and engageable with the food supporting tray of the chair whereby said member may be maintained in its raised position, and a slot formed within the upper extremity of said member for facilitating the attaching of a body encircling strap thereto.

5. An attachment for children's chairs, including, in combination with a chair having a pivotally mounted food supporting tray, of an annular bracket secured to the seat of the chair, a slidable vertically disposed member receivable by said annular bracket and having an enlarged head arranged upon its lower extremity for preventing excessive upward movement thereof, a catch arranged upon the lower face of the food tray, a laterally distended finger carried upon the upper extremity of said vertically disposed member engageable with said catch whereby the same may be maintained in its raised position, and a slot formed adjacent the upper extremity of said vertically disposed member for facilitating the attaching of a body encircling strap thereto.

6. An attachment for children's chairs, including, in combination with a chair having a pivotally supported food tray, of a slidable vertically disposed member arranged upon the seat of the chair adjacent the outer marginal edge thereof and at a point substantially the middle of the same, a catch arranged upon the under face of the food supporting tray, a laterally distended finger carried upon the upper extremity of said vertically disposed member and engageable with said catch, a slot formed adjacent the upper extremity of the vertically disposed member for facilitating the attaching of a body encircling strap thereto, said vertically disposed member being so arranged as to cause a child to straddle the same when positioned in the chair.

In testimony whereof I affix my signature in presence of two witnesses.

WILLIAM F. COOK.

Witnesses:

FREDERICK STOECKEL,
CARL HERRMANN.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."