

1,022,767.

Patented Apr. 9, 1912.

2 SHEETS SHEET 1.

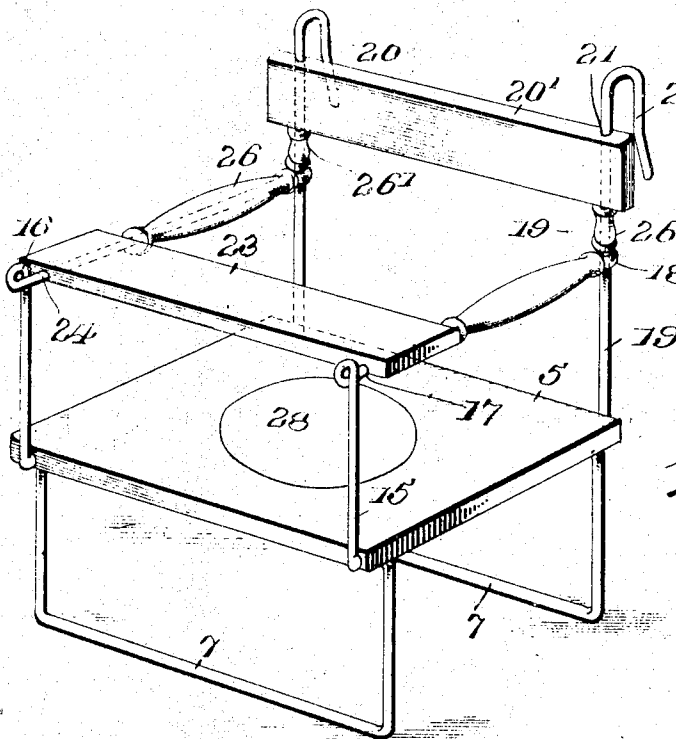


Fig. 1.

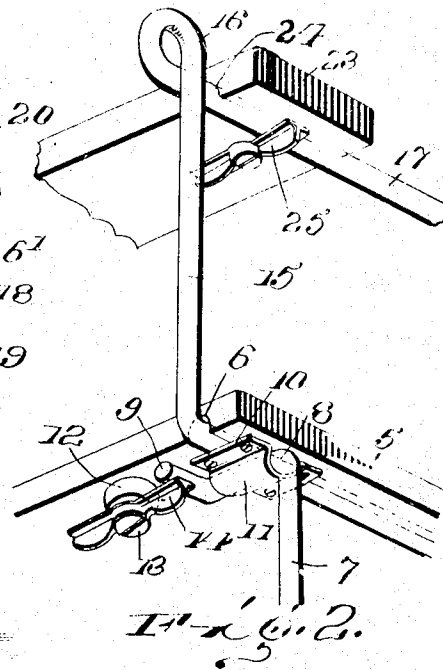


Fig. 2.

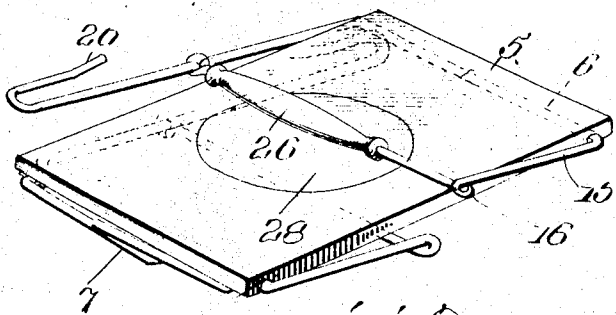
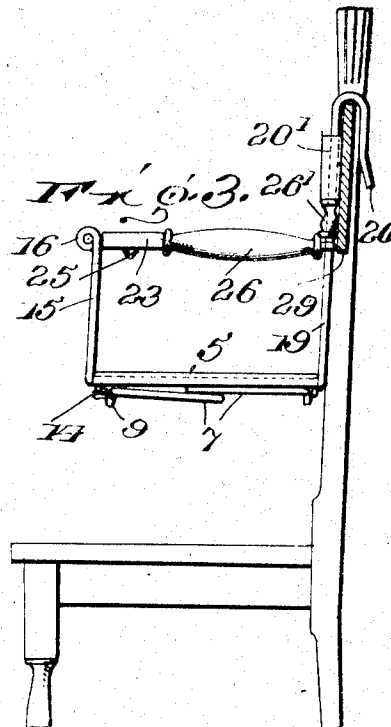


Fig. 3.



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CHILD'S CHAIR.

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2 SHEETS SHEET 2.

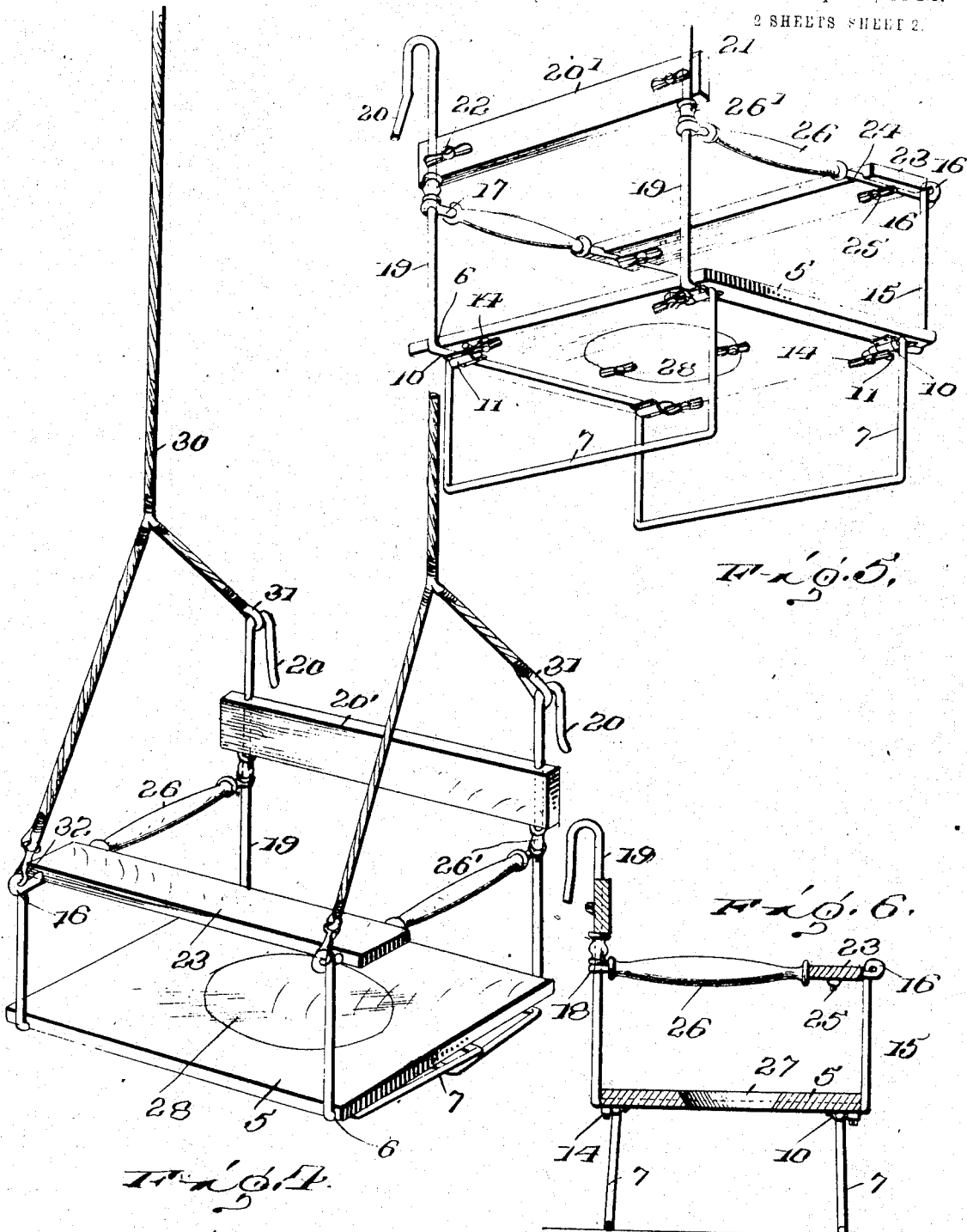


Fig. 5.

Fig. 6.

Fig. 4.

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# UNITED STATES PATENT OFFICE.

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## CHILD'S CHAIR.

1,022,767.

Specification of Letters Patent.

Patented Apr. 9, 1912.

Application filed August 29, 1911. Serial No. 646,695.

*To all whom it may concern:*

Be it known that I, MARTIN L. BEISTLE, citizen of the United States, residing at Shippensburg, in the county of Cumberland and State of Pennsylvania, have invented certain new and useful Improvements in Children's Chairs, of which the following is a specification.

This invention relates to folding nursery chairs and has for its object the provision of a comparatively simple and thoroughly efficient device of this character, capable of being readily set up for use and quickly knocked down and compactly folded for transportation or storage.

A further object is to provide a nursery chair, the construction of which is such that it may be used as an ordinary child's chair or commode, or the legs thereof folded laterally into engagement with the seat and the device suspended from a suitable support and used as a swing.

A further object is to provide a folding chair capable of being suspended from the back of an ordinary chair and used as an infant's high chair, and which may be readily carried from place to place in the manner of a sedan chair.

A further object is to provide a chair having the supporting legs, as well as the side and back members thereof, pivotally mounted on the bottom of the seat so as to permit the several parts to be compactly folded.

A further object is to provide means for rigidly holding the bailed shaped members constituting the supporting legs in lowered or operative position, and means interposed between the side and back members of the chair for preventing pivotal movement thereof.

A still further object of the invention is generally to improve this class of devices so as to increase their utility, durability and efficiency.

Further objects and advantages will appear in the following description, it being understood that various changes in form, proportions and minor details of construction may be resorted to within the scope of the appended claims.

For a full understanding of the invention and the merits thereof, reference is to be had to the following description and accompanying drawings, in which:

Figure 1 is a perspective view of a nursery

chair constructed in accordance with my invention; Fig. 2 is a detail perspective view of the forward portion of the chair, showing the manner of locking the supporting legs in an operative position; Fig. 3 is a side elevation partly in section, showing the device suspended from an ordinary chair and used as an infant's high chair; Fig. 4 is a perspective view, showing the device used as a swing; Fig. 5 is a perspective view, looking at the bottom of the chair; Fig. 6 is a vertical sectional view, showing the chair arranged as a commode; Fig. 7 is a perspective view, showing the chair folded for transportation or storage.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

The improved nursery chair forming the subject matter of the present invention comprises a seat 5, preferably rectangular in shape and having its lower face formed with transversely disposed seating grooves 6 extending the entire width of the seat from front to back and preferably spaced inwardly from the adjacent side edges thereof, as shown.

Depending from the seat 5, are supporting legs 7, each preferably formed from a single length of wire or other suitable material bent into the form of a substantially U-shaped bail, as shown, the opposite ends of each bail being bent inwardly to form bearing arms 8 terminating in angularly disposed stop fingers 9, adapted to bear against the lower face of the seat 5 and limit the outward pivotal movement of the legs in one direction when the latter are moved to lowered or operative position. Secured to the bottom of the seat 5 and extending transversely across the grooves 6, are brackets 10 having their intermediate portions bent to produce sockets or bearings 11 for the arms 8 so as to permit the legs 7 to be readily folded flat against the bottom of the seat, when desired.

Arranged opposite each finger 9, is a block 12, on which is pivotally mounted, at 13, a turn button or similar fastening device 14 adapted to bear against the adjacent finger 9 and thus hold the legs rigidly in lowered position. It is obvious that by turning the buttons 14 until they are disengaged from the fingers 9 and swinging the legs 7 inwardly and upwardly, said legs may be

readily folded in contact with the bottom of the seat.

Pivottally mounted in the grooves 6, are side members 15, each preferably formed of a single length of wire or other suitable material having a portion thereof bent to produce a closed eye 16 and thence extended laterally to form an arm 17 terminating in a hook 18. The material forming each side member 15 is extended upwardly at the back of the chair and through the adjacent hook or eye 18 to form a back member 19, each back member having its upper end bent downwardly to produce a terminal hook 20 by means of which the device may be readily suspended from the back of an ordinary chair and used as a baby's high chair.

The vertical portions of the back members 19, are connected by a transverse bar 20' constituting a back rest, there being grooves 21 formed in the rear face of the bar and adapted to receive the adjacent portions of said members and to which it is secured by turn buttons 22.

Extending across the front of the chair and connecting the arms 17 thereof, is a similar brace 23 which serves the dual function of maintaining the arms 17 in proper spaced relation to each other, and also as a means for preventing the child from falling out of the chair. The lower face of the brace 23 is formed with transverse grooves 24 adapted to receive the arms 17, there being turn buttons 25 pivottally mounted on the lower face of the brace 23 and adapted to be swung transversely across and in contact with said arms 17 for the purpose of detachably securing the brace 23 in position on the chair. Interposed between the rear longitudinal edge of the brace 23 and the vertical portions of the back section 19, are handles 26 by grasping which, the chair may be carried from place to place in the same manner as an ordinary sedan chair. It will here be noted that the forward longitudinal edge of the transverse bar or brace 23 bears against the loops or eyes 16, while the handles 26 are loosely mounted on the arms 17 and are interposed between the back member and rear longitudinal edge of the brace 23 so as to assist in holding said brace in position on the arms 17. Similar handles or spacing members 26' are also preferably mounted on the back section and interposed between the hooks 18 and back rest 20' to assist in retaining the latter in proper position on said back section.

The seat 5 is preferably provided with an opening 27 so that the chair may be used as a commode, when desired, said opening being closed by a lid or cover 28 when the chair is used in the ordinary manner. When the device is used as an ordinary nursery chair, the legs or bails 7 are swung downwardly and locked in position by the turn

buttons 14, after which the child is seated in the chair and the forward bar or brace 23 fastened on the arms 17, in the manner before described.

In using the device as a baby's high chair, the legs 7 are either left in lowered position or swung upwardly in contact with the base of the seat and said chair suspended from the upper panel of an ordinary chair 29, as indicated in Fig. 3 of the drawings. When it is desired to use the chair as a swing, the legs or bails 7 are swung upwardly in contact with the bottom of the chair and suitable suspension elements, such as ropes 30, attached to the limb of a tree or other support and connected with said chair, as best shown in Fig. 4 of the drawings. One end of each suspension element 30 is formed with a loop 31 adapted to fit over the adjacent hook 20, while the other end thereof is provided with a snap hook 32 adapted to engage the adjacent eye or loop 16. With the chair suspended in this manner, the latter may be used as an ordinary swing.

When the chair is not in use, the transverse bar 20' and brace 23, are detached, after which the supporting legs or bails 7 are swung upwardly and inwardly in contact with the bottom of the seat and one of the side members swung laterally on its pivotal axis in contact with the upper face of the seat and the other side member swung laterally, downwardly and upwardly in contact with the lower face of the seat, as best shown in Fig. 7 of the drawings, and in which position, the parts are compactly folded for transportation or storage.

It will here be noted that the eyes or loops 16 not only form abutments for the forward transverse bar or brace 23, but also serve as a means to permit the attachment of the suspension element 30, while the hooks 20 serve the dual function of supporting the device from a chair and as a means for engagement with said suspension element when the chair is used as a swing. It will also be noted that the brackets 11 serve to retain both the side members 15 and supporting bails or legs 7 in position on the bottom of said chair.

It will of course be understood that the chairs may be made in different sizes and shapes, and the metal portions thereof nicked, japanned or otherwise coated to protect these parts from the action of the elements and also to give a neat, attractive appearance to the chair.

Having thus described the invention, what is claimed as new is:

1. A folding nursery chair including a seat, side members pivottally mounted on the seat and having vertical extensions constituting a back section, said extensions terminating in suspension devices, a brace having grooves formed therein to receive the ex-

tensions of the side members, a second brace connecting the side members and having grooves formed therein for the reception of said side members, and fastening devices 5 pivotally mounted on the braces and overlapping the grooves for retaining the braces in position.

2. A folding nursery chair, including a seat, side members pivotally mounted on the 10 seat and having rear extensions adapted to constitute back members, and also having front extensions formed with laterally extending end portions connected to the back members and constituting arm rest mem- 15 bers, a brace having grooves formed therein to receive said arm rest members at the front thereof, fastening devices pivotally mounted on said brace and adapted to overlap the grooves for retaining the brace in 20 position, and spacing members mounted on the arm rest members and interposed between the back members and the rear edge of said brace and bearing against the latter, for the purpose specified.

25 3. A folding nursery chair, including a seat, side members pivotally mounted on the seat and having vertical extensions constituting a back section, a brace having grooves formed transversely in its rear face to re-

ceive the extensions of the side members, a 30 second brace connecting the side members and having transverse grooves in its under side for the reception of said side members, and fastening devices pivotally mounted on the rear and under faces of the respective 35 braces adjacent the grooves therein to extend across the grooves and the side members and retain the braces in engagement with the side members.

4. A folding nursery chair, including a 40 seat, side members pivotally mounted on the seat and embodying arm rest members having stops formed at their front ends, a brace resting on the arm rest members and against the stops at the front thereof, fas- 45 tening devices secured to said brace and adapted to engage the arm rest members to retain the members in position, and spac- 50 ing members mounted on the arm rest members and engaging the rear edge of the brace and the back of said members, for the purpose specified.

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

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