

F. W. STOTLER AND R. H. JAMISON.
 NURSERY NEST.
 APPLICATION FILED DEC. 22, 1920.

1,413,068.

Patented Apr. 18, 1922.

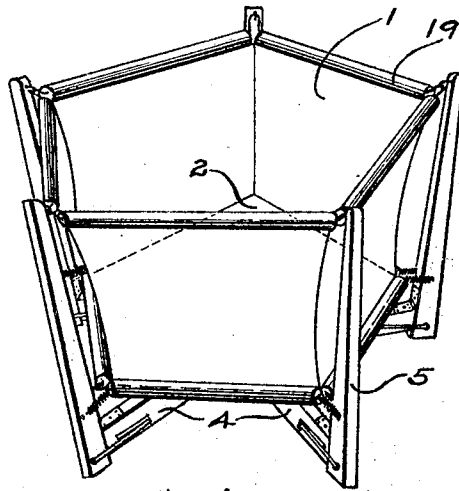


Fig. 1.

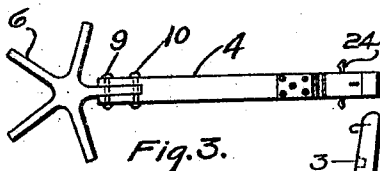


Fig. 3.

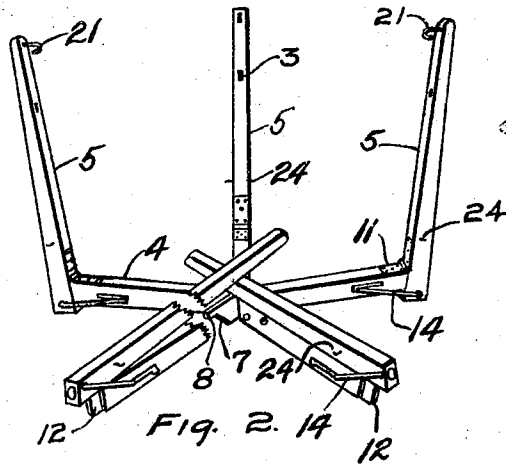


Fig. 2.

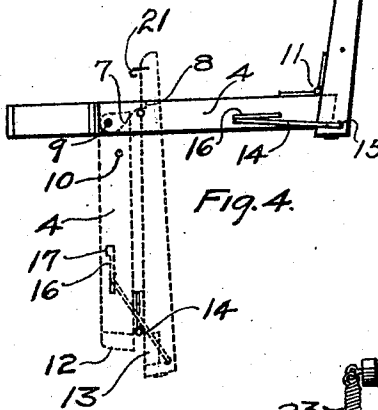


Fig. 4.

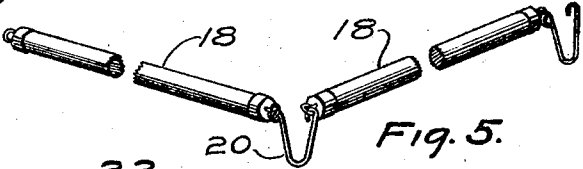


Fig. 5.

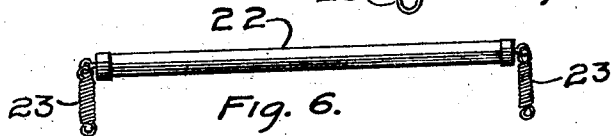


Fig. 6.

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FRANK W. STOTLER, OF WILKINSBURG, PENNSYLVANIA, AND RICHARD H. JAMISON,
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NURSERY NEST.

1,413,068.

Specification of Letters Patent. Patented Apr. 18, 1922.

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To all whom it may concern:

Be it known that we, FRANK W. STOTLER, a citizen of the United States, and a resident of Wilkesburg, in the county of Allegheny and State of Pennsylvania, and RICHARD H. JAMISON, a citizen of the United States, and a resident of Berkeley, in the county of Alameda and State of California, have invented a new and useful Improvement in Nursery Nests, of which the following is a specification.

The invention relates to nursery nests, in which an infant can be placed and confined in safety without danger of falling out and protected against draughts of air which frequently circulate adjacent to the floor of a room.

In our patent application, Serial No. 288,900, filed April 10, 1919, there is disclosed a nursery nest of the character contemplated herein. The object of our present invention is to improve the construction of the nursery nest shown in our pending patent application to the end that such nest may be more readily set up and taken down, and that when taken down, it may be easily collapsed into compact form.

The invention is illustrated in the accompanying drawings, of which Fig. 1 is a perspective view of the nursery nest in assembled form ready to be occupied by an infant; Fig. 2 a perspective view of the frame, some of the uprights being shown in upright positions and others collapsed upon the radial members; Fig. 3 a plan view of the central base member and one radial and upright member attached to it; Fig. 4 a side view of the portion of the structure illustrated in Fig. 3; Fig. 5 a perspective view of some of the members for holding taut the upper edge of the nursery nest body; and Fig. 6 a side view of one of the members for holding taut the lower edge of the body.

The nursery nest comprises a flexible body, preferably formed of fabric, including sides 1 and a bottom 2. The body is held taut by a collapsible frame comprising a central base member, radial members 4 pivotally attached at their inner ends to the base member, and uprights 5 pivotally attached to the outer ends of the radial members and adapted to collapse one upon each radial member. Preferably, there are five radial members and a corresponding number of upright members, but the numbers of these members may vary.

The base member preferably consists of centrally-united radially-extending plates 6, which taper upwardly on their lower edges as indicated at 7, and have stops 8 formed on their outer ends. Each radial member 4 has a forked end pivoted at 9 to a plate 6, and is provided with a pin 10 which holds the radial member against swinging upwardly farther than its full line position indicated in Fig. 4. The radial members may swing only downwardly from the full line to the dotted line position.

Each upright 5 may be pivoted to a radial member 4 by a suitable hinge 11. To render the structure rigid, the outer end of the radial members may be provided with tongues 12, which, when the frame is set up, lie in grooves 13 formed in the lower ends of the uprights. The uprights may be securely held and locked in their upright positions by means of elongated straps 14, one of which extends into or through an opening 15 in the lower end of each upright and has its other end lying in a slot 16 formed in the radial member to which the upright is attached. The inner end of each slot 16 is provided with a shoulder or offset 17 over which the inner end of the strap may be snapped to hold and lock the upright in position. At the upper ends of the uprights there are grooves 3 adapted to receive the outer ends of the plates 6 when the uprights and radial members are collapsed to the positions indicated in dotted lines in Fig. 4, and thereby remove the possibility of lateral strain upon the hinges 11.

The flexible body may be held taut by means of rods extending through folds formed at the upper and lower edges of the sides 1. In Fig. 5, there are indicated rods 18 adapted to extend through folds 19 formed at the upper edges of the sides 1, these rods being connected to each other at their ends by means of loops 20. Each loop is engaged by a hook 21 attached to the upper end of an upright member. When all the loops are engaged by the hooks, the top of the body is spread taut. The rods for the lower ends of the sides are shown in Fig. 6 at 22, the ends of each being provided with springs 23 having loops on their outer ends adapted to engage hooks 24 secured one to each side of each upright.

When it is desired to disassemble or take down the nursery nest, the loops 20 may be disengaged from the hooks 21, the springs

23 from the hooks 24, and the rods 18 and 22 may be removed from the folds at the upper and lower edges of the sides 1. The frame may then be quickly collapsed by merely
 5 moving upwardly the inner end of each strap 14, folding the uprights upon the radial members, and causing the radial members to swing downwardly to the dotted line position indicated in Fig. 4. When the
 10 frame is thus collapsed, it, together with the rods 18 and 22 may be wrapped in the flexible body, the entire nursery nest parts then occupying but small space. To set up the nursery nest, the steps just explained may
 15 be made in reverse order, and this may be done quickly and with little effort.

According to the provisions of the patent statutes, we have described the principle and operation of our invention together with the
 20 construction which we now consider to represent the best embodiment thereof. However, we desire to have it understood that, within the scope of the appended claims, the invention may be practiced by other
 25 forms of construction than that particularly shown and described herein.

We claim:

1. A portable nursery nest of the kind described, comprising a collapsible frame
 30 adapted to rest upon a floor and including a central base member, radial members pivotally attached at their inner ends to the base member to swing downwardly only, uprights pivotally attached one to the outer
 35 end of and adapted to fold upon each radial member, and a flexible body having a bottom and sides suspended between and held taut by said uprights, said body affording a yielding horizontal support and vertical
 40 side guard on and within which an infant may play in safety.

2. A portable nursery nest of the kind described, comprising a collapsible frame adapted to rest upon a floor and including a
 45 central base member having radially extending plates, radial members pivotally attached at their inner ends to said plates, said plates and radial members being provided with cooperating elements to limit the upward
 50 swinging movement of the radial members with relation to the base member, uprights pivotally attached one to the outer end of each radial member, and a flexible body having a bottom and sides suspended between
 55 and held taut by said uprights and affording a yielding horizontal support and vertical side guard on and within which an infant may play in safety.

3. A portable nursery nest of the kind described, comprising a collapsible frame adapted to rest upon a floor and including a central base member, radial members pivotally attached at their inner ends to the base

member to swing downwardly only and provided with longitudinally disposed slots having
 65 offset ends, uprights pivotally attached one to the outer end of each radial member, straps secured to the lower ends of said upright members and having their ends lying in said slots, the inner ends of said strap
 70 engaging the offsets of said slots and thereby locking the uprights in upright positions, and a flexible body having a bottom and sides suspended between and held taut by said
 75 uprights and affording a yielding horizontal support and vertical side guard on and within which an infant may play in safety.

4. A portable nursery nest of the kind described, comprising a collapsible frame adapted to rest upon a floor and including
 80 a central base member, radial members pivotally attached at their inner ends to the base member to swing downwardly only, uprights pivotally attached one to the outer end of and adapted to fold upon each radial
 85 member, a flexible body having a bottom and sides, folds formed at the upper and lower edges of said sides, and rods lying in said folds and attached at their ends to said uprights for holding taut the flexible body,
 90 said body affording a yielding horizontal support and vertical side guard on and within which an infant may play in safety.

5. A portable nursery nest of the kind described, comprising a collapsible frame
 95 adapted to rest upon a floor and including a central base member having radially extending plates, radial members pivotally attached at their inner ends to said plates, said plates and radial members being provided
 100 with cooperating elements to limit the upward swinging movement of the radial members with relation to the base member, said radial members being provided with longitudinally disposed slots having offset ends,
 105 uprights pivotally attached one to the outer end of each radial member, straps secured to the lower ends of said upright members and having their ends lying in said slots, the inner ends of said straps being in the
 110 offsets of said slots and thereby locking the uprights in their upright positions, a collapsible body having a bottom and sides, folds formed at the upper and lower edges of said sides, and rods lying in said folds
 115 and attached at their ends to said uprights for holding taut the flexible body, said body affording a yielding horizontal support and vertical side guards on and in which an infant may play in safety.

In testimony whereof, we have hereunto set our hands.

FRANK W. STOTLER,
 RICHARD H. JAMISON,

Witness:
 EDWIN O. JOHNS.