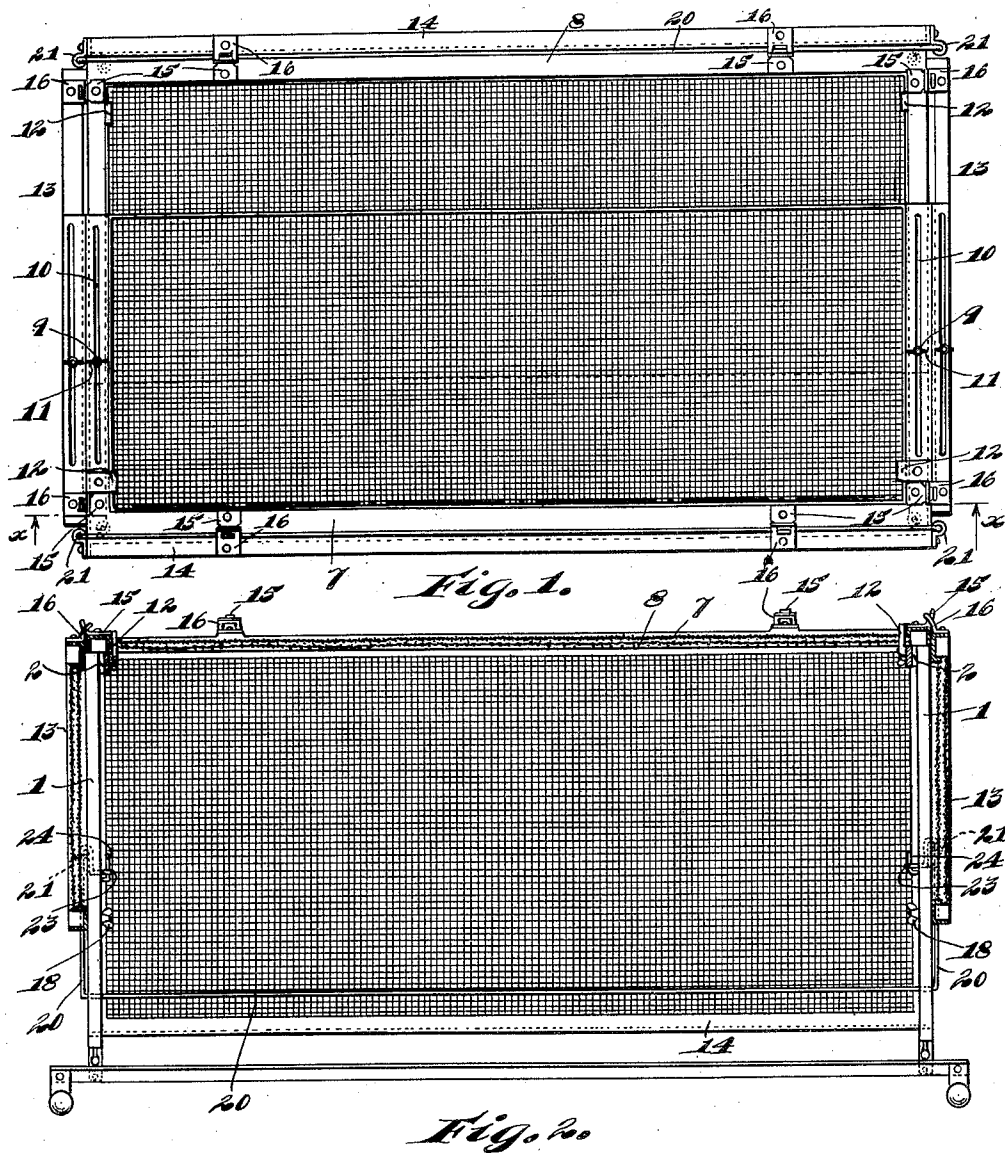


E. ARONSON.
BEDSTEAD CANOPY.
APPLICATION FILED OCT. 7, 1912.

Patented Apr. 1, 1913.

2 SHEETS—SHEET 1.

1,057,400.



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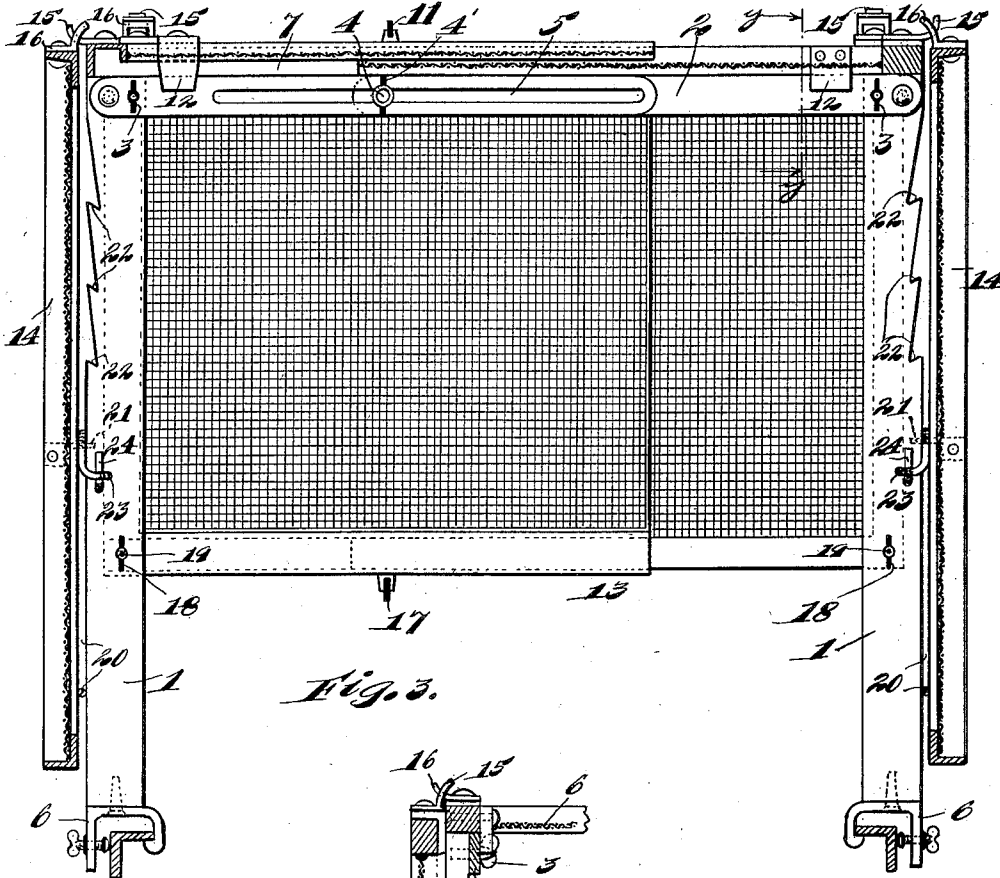


Fig. 3.

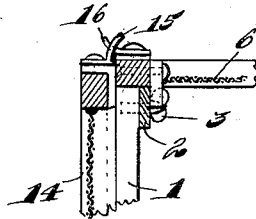


Fig. 4.

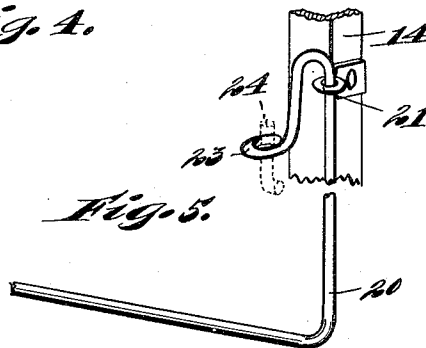


Fig. 5.

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UNITED STATES PATENT OFFICE.

ESTHER ARONSON, OF IRON MOUNTAIN, MICHIGAN.

BEDSTEAD-CANOPY.

1,057,400.

Specification of Letters Patent.

Patented Apr. 1, 1913.

Application filed October 7, 1912. Serial No. 724,317.

To all whom it may concern:

Be it known that I, ESTHER ARONSON, a citizen of the United States, and a resident of the city of Iron Mountain, county of Dickinson, and State of Michigan, have invented certain new and useful Improvements in Bedstead-Canopies, of which the following is a specification.

My invention relates to improvements in bedstead canopies and has for its object the production of a device of this character which will be of an adjustable nature in order to adapt the same for use in conjunction with bedsteads of various sizes, and one which will be durable and economical in construction and efficient in use.

Other objects will appear hereinafter.

The invention consists in the combinations and arrangements of parts hereinafter fully described and claimed.

The invention will be best understood by reference to the accompanying drawings forming a part of this specification and in which,

Figure 1 is a top plan view of a bedstead canopy embodying my invention, Fig. 2 is a vertical longitudinal section of the canopy taken on substantially line $x-x$ of Fig. 1, Fig. 3 is an enlarged vertical transverse section of the canopy, Fig. 4 is a sectional detail taken on substantially line $y-y$ of Fig. 3, and Fig. 5 is a detail perspective illustrating the means employed for holding the side frame members of the canopy in open or elevated position or for locking the same in closed position.

The preferred form of construction as illustrated in the drawings comprises inverted substantially U-shaped supporting members which are adapted for arrangement upon a bedstead, one at either end thereof. Each of said supporting members comprises vertical bars 1, the upper ends of which are pivotally connected with the respective ends of a cross-bar 2, said members 1 and 2 being locked in operative position against pivotal movement by means of thumb screws 3. When the device is not in use, said supporting frames may be collapsed or folded together, as will be readily understood, by simply releasing the screws 3. The frame bars 2 are longitudinally adjustable, in order to adapt the same for use in conjunction with bedsteads of various widths. Each of said members 2 consists, as shown in Fig. 3, of two sections, the inner

ends of which overlap. Said overlapping ends are releasably locked in positions of adjustment by means of a threaded stud 4, projecting from one of said sections, which engages an elongated slot 5 provided in the other, a thumb nut 4' threaded upon said stud affording means for clamping the bar sections together. With this arrangement it will be seen, that longitudinal adjustment of the frame members 2 in order to adjust the supporting frame to the width desired may be effected by simply adjusting thumb nut 4'. In use the lower ends of bars 1 of the supporting frames are supported upon the longitudinal bars or rails of the bedstead, clamps 6 being provided at said ends of said frame bars for engaging said bedstead rails, as shown in Figs. 2 and 3.

Supported upon the upper sides of the supporting frames is a canopy member or frame member, rectangular in form. Said frame member is of an adjustable nature in order to adapt the same for use in conjunction with bedsteads of various widths, the same consisting of overlapping slidably connected sections 7 and 8, each of said sections being formed of an outer frame or edging and an inner portion of wire mesh or screening, as clearly shown. The sections 7 and 8 are secured in positions of adjustment by means of threaded studs 9 which project from the ends of section 8 and which engage elongated slots 10 provided in the adjacent portions of the section 7, there being thumb nuts 11 threaded upon the outer ends of said studs, as clearly shown in Fig. 1. With this arrangement it will be seen, that considerable adjustment is afforded the upper frame member so as to adapt the same to correspond with any width to which the supporting frames may be adjusted. Provided at the ends of the upper frame member are depending ears 12 which are adapted to engage against the inner sides of the bars 2 of the supporting frames for locking said frame member against relative longitudinal movement.

Depending from the edges of the upper frame member are end and side frame members 13 and 14 respectively. Said frame members 13 and 14 are hingedly and removably connected with the upper frame member by means of hooks 15 provided at and projecting from the edges of said upper frame member, said hooks being adapted for engagement by loops 16 provided at the

upper edges of frame members 13 and 14, as clearly shown in the several views, the arrangement being such that release of said end and side members may be effected by
 5 raising the latter until the loops 16 disengage hooks 15. The frame members 13 are constructed the same as the upper frame member so as to permit of adjustment thereof to correspond with adjustment of said
 10 upper frame member and of the supporting frames as above described, thumb nuts 17 cooperating with the component sections of frame members 13 to lock the same in positions of adjustment. The end frame mem-
 15 bers are fastened to the bars 1 of the supporting frames by means of thumb nuts 18 which engage threaded studs 19 projecting from said frame members and which pass through slots or perforations provided in the
 20 posts 1, as clearly shown in Fig. 3.

In order to permit of ingress to or egress from the bed in conjunction with which the canopy is used, the side frames 14 of the latter are hung loosely from the hooks 15 supporting the same. Cooperating with said
 25 side members are U-shaped wire members 20 which are pivotally and slidably connected therewith by engagement with eyes 21 provided upon the inner sides of said frame
 30 members, as clearly shown in Fig. 5. The members 20 are adapted to engage notches 22 provided in the outer edges of the bars 1 of the supporting frames to hold said side frame members in elevated or open posi-
 35 tions, when entering or leaving the bed. Provided at the ends of wire members 20 are eyes or loops 23 which, when said frame members are in closed position, are adapted to engage posts 24 provided upon the inner
 40 sides of frame members 1, as clearly shown in Fig. 3. Engagement with the posts 24 is effected, however, by first raising or upwardly sliding the members 20 until the loops 23 thereof are positioned above said
 45 posts, then lowering said members 20 to engage the loops 23 with said posts. When said loops are in engagement with said posts, it will be seen that the side frame members will be securely locked in closed position.
 50 Thus the members 20 serve the double function of means for holding the side frame members in elevated or open position and of means for locking said frame members in closed position.

55 A canopy of the construction set forth is durable and economical, the same may be readily and easily arranged in position upon a bedstead and as easily and expeditiously detached therefrom when desired for stor-
 60 age or shipment. When in position upon a bedstead the same is adapted to effectually inclose the bed to prevent the entry of mosquitoes and other insects which might disturb the occupant of the bed. By reason
 65 of the adjustable character of the device, the

same is rendered applicable to beds of various sizes which is obviously of great advantage.

While I have illustrated and described the preferred form of construction for carrying
 70 my invention into effect, this is capable of variation and modification without departing from the spirit of the invention. I, therefore, do not wish to be limited to the exact details as set forth, but desire to avail
 75 myself of such variations and modifications as come within the scope of the appended claims.

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

1. In a bedstead canopy, the combination of inverted substantially U-shaped supporting members adapted for arrangement at the
 85 ends of a bedstead; a frame member mounted upon the upper sides of said supporting members; and side and end frame members hingedly connected with and depending from said upper frame member, substan-
 90 tially as described.

2. In a bedstead canopy, the combination of inverted substantially U-shaped supporting members adapted for arrangement at the ends of a bedstead; an adjustable frame
 95 member mounted upon the upper sides of said supporting members; and side and adjustable end frame members connected with and depending from said upper frame member, substantially as described.

3. In a bedstead canopy, the combination of inverted substantially U-shaped adjustable supporting members adapted for arrangement at the ends of a bedstead; an adjustable frame member mounted upon the
 100 upper sides of said supporting members; and side and adjustable end members hingedly connected with and depending from said upper frame member, substantially as described.

4. In a bedstead canopy, the combination of inverted substantially U-shaped supporting
 110 members adapted for arrangement at the ends of a bed; clamps at the ends of said supporting members for engagement with the bedstead; a frame member mounted upon the upper sides of said supporting
 115 members; side and end members hingedly connected with and depending from the edges of said upper frame member; and means for holding said side members in open
 120 position or locking said members in closed position, substantially as described.

5. In a bedstead canopy, the combination of inverted substantially U-shaped supporting
 125 members adapted for arrangement at the ends of a bed; clamps at the ends of said supporting members for engagement with the bedstead; a frame member mounted upon the upper sides of said supporting
 130 members; side and end members hingedly

connected with and depending from the edges of said upper frame member; and means slidably and pivotally mounted upon said side frame members for supporting the latter in open position or locking said members in closed position, substantially as described.

6. In a bedstead canopy, the combination of inverted substantially U-shaped supporting members adapted for arrangement at the ends of a bed; clamps at the ends of said supporting members for engagement with the bedstead; a frame member mounted upon the upper sides of said supporting members; side and end members hingedly connected with and depending from the edges of said upper frame member; and U-shaped wire members slidably and pivotally mounted upon said side frame members for supporting the latter in open position or locking said members in closed position, substantially as described.

7. In a bedstead canopy, the combination of inverted substantially U-shaped supporting members adapted for arrangement at the ends of a bed; clamps at the ends of said supporting members for engagement with the bedstead; a frame member mounted upon the upper sides of said supporting members; side and end members hingedly connected with and depending from the edges of said upper frame member; and U-shaped wire members slidably and pivotally mounted upon said side frame members adapted to engage notches provided in said supporting members for holding said side frame members in open position, said wire members being adapted to lock said side frame members in closed position, substantially as described.

8. In a bedstead canopy, the combination of inverted substantially U-shaped supporting members adapted for arrangement at the ends of a bedstead; a frame member removably mounted upon the upper sides of said supporting members; and side and end members detachably connected with and depending from said upper frame member, said upper frame member and said side frame members being adjustable for accommodating the same to bedsteads of various sizes, each of said members consisting of slidably connected sections, said supporting members being correspondingly adjustable, substantially as described.

9. In a bedstead canopy, the combination of inverted substantially U-shaped supporting members adapted for arrangement at the ends of a bedstead; a frame member removably mounted upon the upper sides of said supporting members; side and end members detachably connected with and depending from said upper frame member, said upper frame member and said side frame members being adjustable for accommodating the same to bedsteads of various sizes, each of said members consisting of slidably connected sections, said supporting members being correspondingly adjustable; and means for locking said adjustable frame members of said supporting members in positions of adjustment, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

ESTHER ARONSON.

Witnesses:

GABRIEL OMAN,
ROSE D. RAYOME.