L. J. WILSON.

COVERED BED.

APPLICATION FILED NOV. 20, 1908.

928,298. Patented July 20, 1909.

Fig. 1

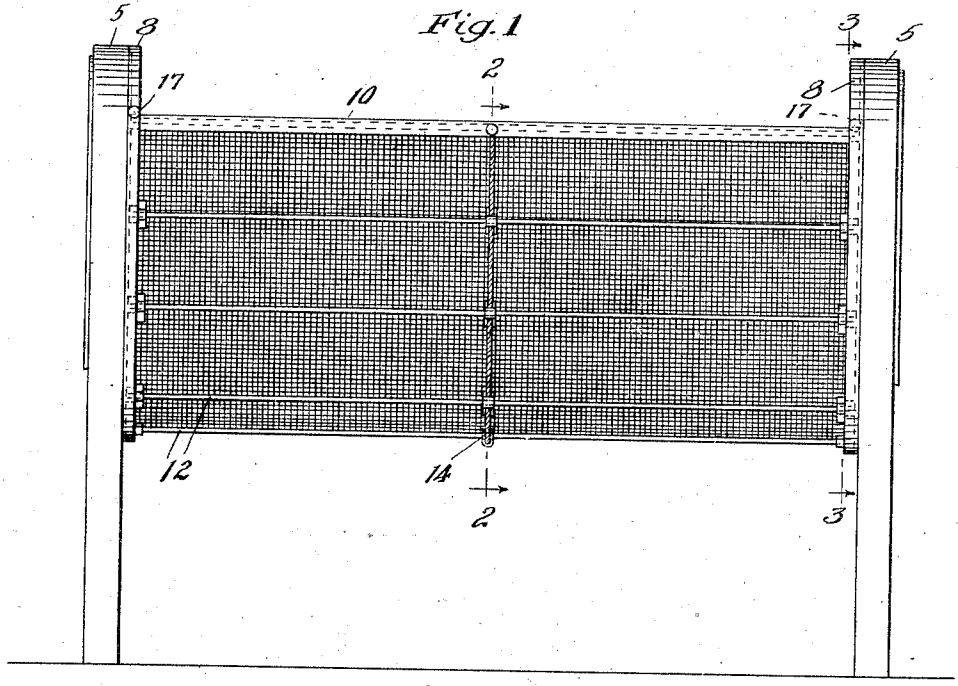


Fig. 2

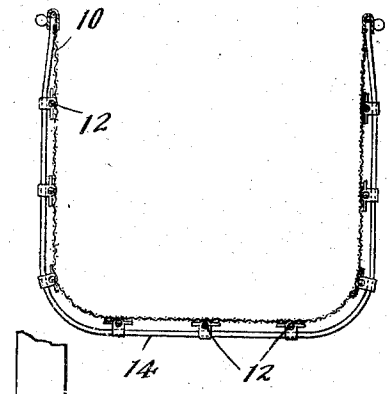


Fig. 3

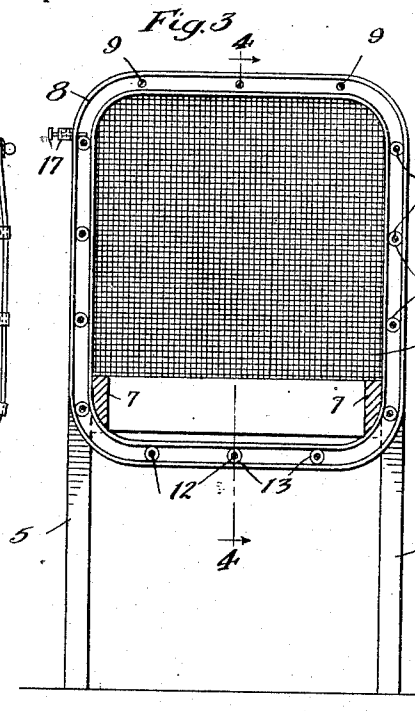


Fig. 4

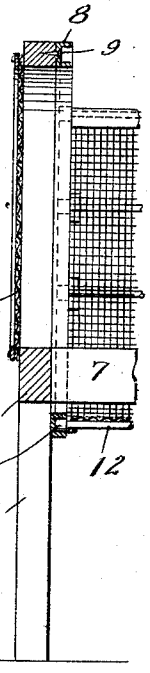
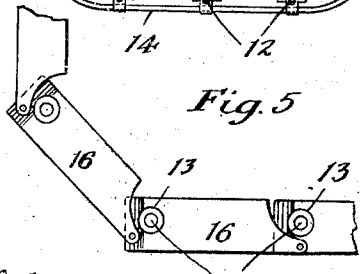


Fig. 5



Witnesses:

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UNITED STATES PATENT OFFICE.

LYNN J. WILSON, OF LOCKPORT, ILLINOIS.

COVERED BED.

No. 928,298. Specification of Letters Patent. Patented July 20, 1909.

Application filed November 20, 1908. Serial No. 463,547.

To all whom it may concern:

Be it known that I, LYNN J. WILSON, a citizen of the United States, residing in Lockport, in the county of Will and State of Illinois, have invented a new and useful Improvement in Covered Beds, of which the following is a specification.

This invention relates to the construction of screened or inclosed beds.

It has been devised more especially for embodiment in children's cribs, but it can be applied to adults' beds, and is specially well adapted to use upon beds used for outdoor sleeping purposes.

The nature of my improvement is fully disclosed in the description given below, and will be understood from such description in connection with the accompanying drawing forming a part thereof, and in which drawing—

Figure 1 is a side elevation of a bed embodying the invention. Fig. 2 is a section on the line 2—2 of Fig. 1. Fig. 3 is an inside elevation of one of the end pieces of the bed. Fig. 4 is a section on the line 4—4 of Fig. 3, and Fig. 5 is a detail of the rolling top.

Referring to said drawing, 5, 5 are the end pieces, or as they are more commonly called, the head and foot members of the bed. As shown, they are alike in size and construction, because it is desirable that the runways in which the top moves and which are formed on them, should both be alike. The supports for the bedding are shown at 7,7 and the end pieces are united to such supports preferably by detachable fastenings in the usual or any suitable manner, such fastenings rendering the bed firm and solid. The tops of the end pieces are rounded off at the corners as shown, and to each of them is secured a continuous runway 8 formed preferably of channel iron and attached to the wood portion of the end pieces by screws 9. The runways are bent to conform to the tops of the end pieces, and they are also rounded at the bottom so that they form suitable ways in which the top 10 may be moved. The top embodies a sheet of metal wire cloth or other suitable material such as canvas, or part canvas and part wire cloth, of such dimensions that in one position it will cover the entire bed and such an amount of open space above it as may be necessary to accommodate the occupant, and it is movable from this position to an open position, giving all necessary liberty of access to and egress from the bed without any detaching of the top. When opened, one side of the top may form a high back to the bed, leaving the front entirely open, and in another position it will extend up above the bedding, so as to inclose the latter both in front and back and form a child's crib of the bed with the top uncovered. The top is preferably provided with longitudinal stiffening wires or slats 12 extending into the runways, adapted to prevent sagging of the wire cloth or canvas, and flat braces 16 may be applied to the ends of the stiffening wires, and serve to keep the same properly spaced. They are preferably attached by forming holes in them so that they set over the ends of the wires, the holes being sufficiently large to give them freedom to yield in moving around the curved portions of the runways. Anti-friction rollers 13 are provided upon the wires 12, or upon said braces, to render the movements of the top easy. If desired, a cord or wire 14 may be attached to the slats as shown. The end pieces 5 5 are also provided with permanent screens 15 covering such portions thereof as are now above the bedding, and as are necessary in conjunction with the top to form a perfect mosquito and fly proof covering for the bed. All the screening used should have a sufficiently small mesh to secure this result.

The top can be operated in both directions by pulling upon one or the other of its longitudinal edges, so that there need be no tendency of the wire cloth to buckle or gather at any point. The bed can be used in cold, as well as warm weather, as the top does not interfere with the use of the bed when the top is left open.

To lock the top so it may be rendered immovable, which may be desirable at times, I place buttons or stops at 17 adapted to be projected into the runways at will.

I claim:—

1. The bed herein described, the ends whereof are provided with runways 8, and a flexible screen top covering traveling in such ways.

2. The bed herein described having a flexible movable screen top, and runways 8 upon the head and foot members in which such top may travel in opening and closing.

3. The inclosed bed herein described, having a flexible screen top provided with stiffen-

ing wires or slats, and also having runways formed on its head and foot members in which the top is supported and is movable to cover and uncover the bed.

4. The inclosed bed herein described, having a flexible screen top provided with stiffening wires or slats, and also having runways formed on its head and foot members in which the top is supported and is movable to cover and uncover the bed, the top being coextensive with the bed and adapted to be moved in the runways so as to uncover the entire surface thereof.

5. The inclosed bed herein described, having a flexible screen top provided with stiffening wires or slats, and also having runways formed on its head and foot members in which the top is supported and is movable to cover and uncover the bed, the top being movable in the runways so that when one side of the bed is opened the other side will have a high back.

6. The inclosed bed herein described, having a flexible screen top provided with stiffening wires or slats, and also having runways formed on its head and foot members in which the top is supported and is movable to cover and uncover the bed, the top being movable in the runways so it may be positioned with both sides projecting above the bedding and forming a crib-like inclosure.

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Witnesses:
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