C. L. WILEY.

COVER HOLDER FOR CHILDREN'S BEDS.

APPLICATION FILED DEC. 10, 1913.

1,130,781.

Patented Mar. 9, 1915.

2 SHEETS—SHEET 1.

Fig. 1.

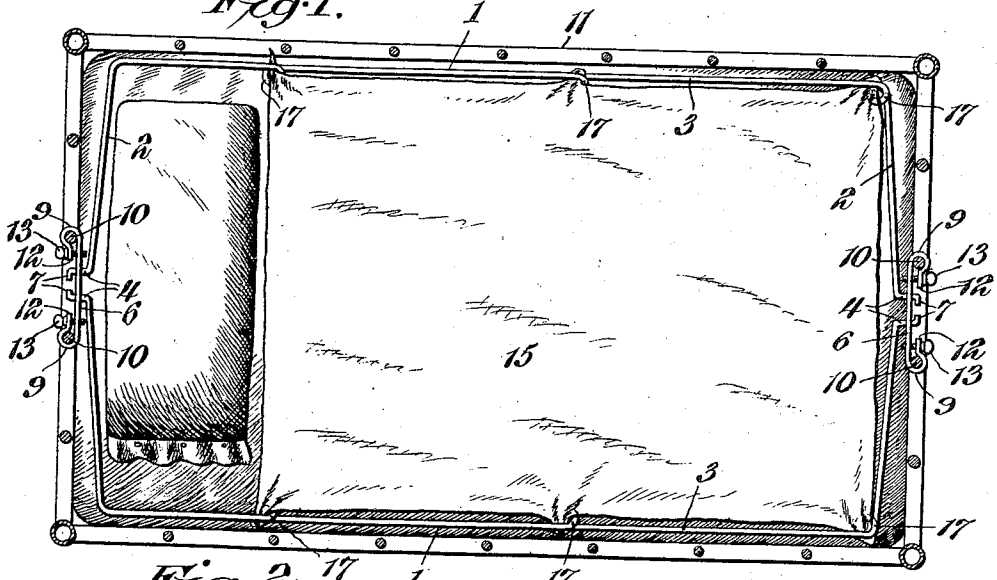


Fig. 2.

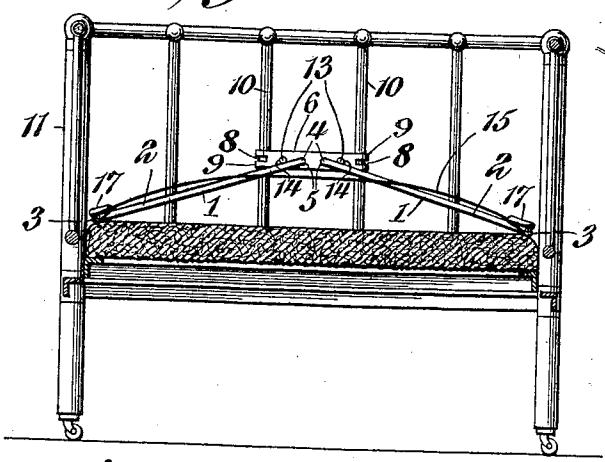


Fig. 8.

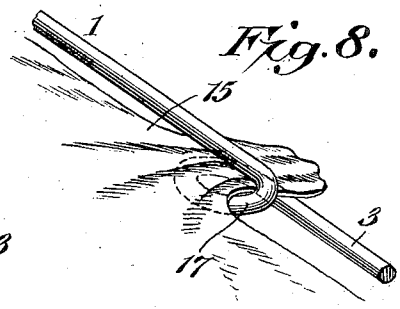
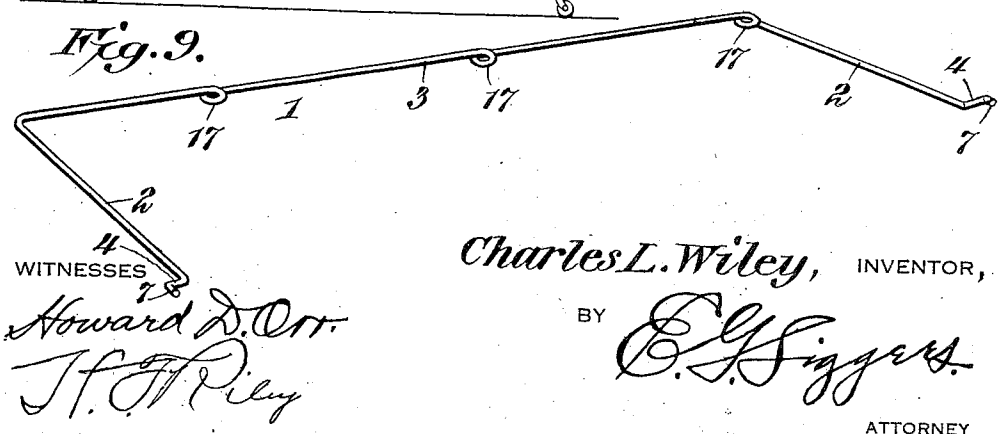


Fig. 9.



WITNESSES

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2 SHEETS—SHEET 2.

Fig. 3.

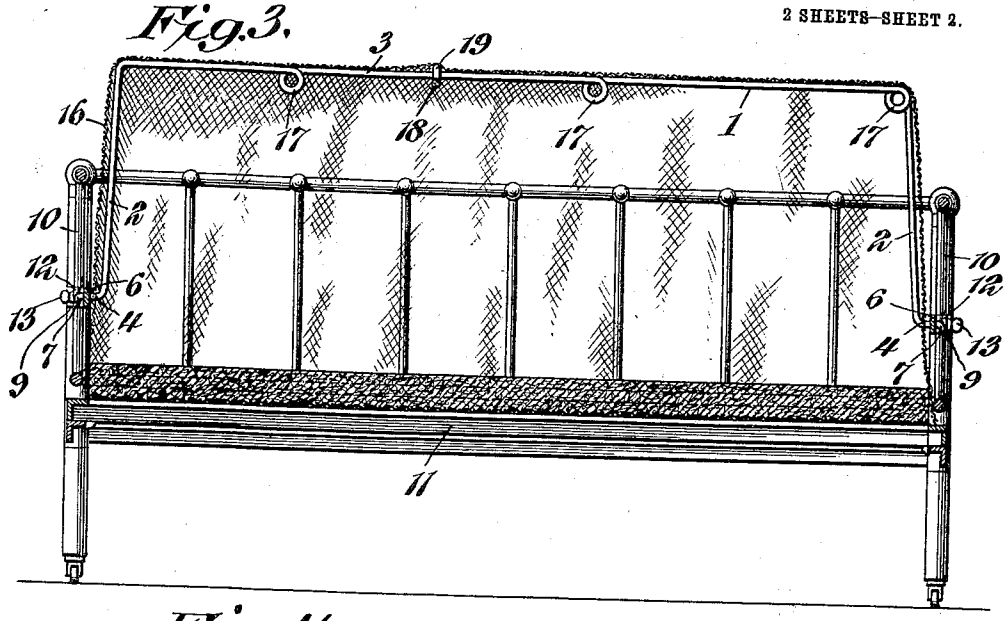


Fig. 4.

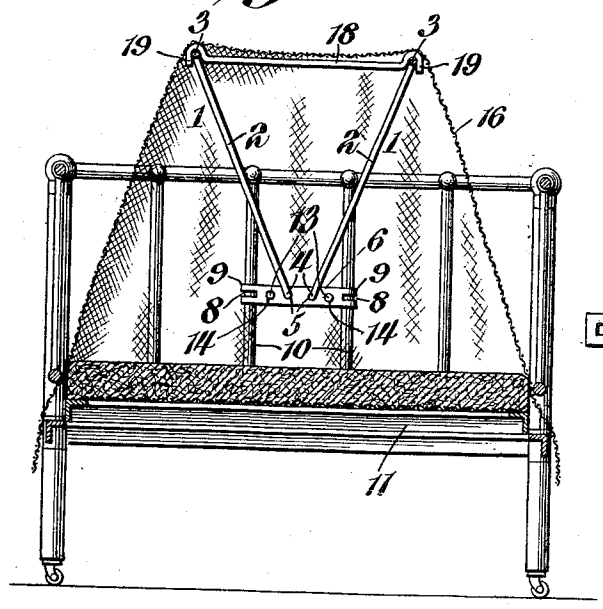


Fig. 5.

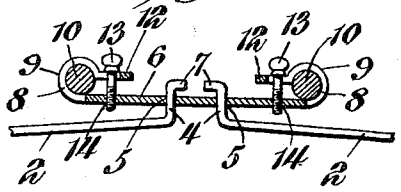


Fig. 6.

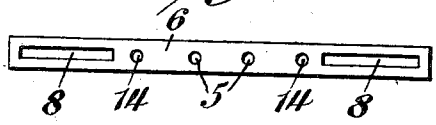
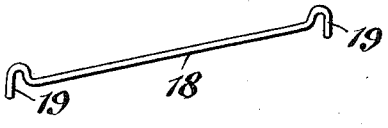


Fig. 7.



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UNITED STATES PATENT OFFICE.

CHARLES LAFAYETTE WILEY, OF ATLANTA, GEORGIA.

COVER-HOLDER FOR CHILDREN'S BEDS.

1,130,781. Specification of Letters Patent. Patented Mar. 9, 1915.

Application filed December 10, 1913. Serial No. 805,820.

To all whom it may concern:

Be it known that I, CHARLES L. WILEY, a citizen of the United States, residing at Atlanta, in the county of Fulton and State of Georgia, have invented a new and useful Cover-Holder for Children's Beds, of which the following is a specification.

The invention relates to improvements in cover holders for beds.

The object of the present invention is to improve the construction of devices for holding bed covering, and to provide a simple, inexpensive and efficient device designed principally for use on and adapted to be readily applied to a child's bed, and capable of holding the bed covering and of maintaining the same in a spread condition to keep a child covered, and of permitting bed covering to rise without becoming displaced when the child kicks.

A further object of the invention is to provide a bed cover holder of this character adapted to permit the bed covering to be lifted at either side of the bed to afford access to the occupant thereof, and capable of being readily arranged to support a mosquito netting over the bed.

With these and other objects in view, the invention consists in the construction and novel combination of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended; it being understood that various changes in the form, proportion, size and minor details of construction, within the scope of the claims, may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention.

In the drawings: Figure 1 is a plan view of a bed cover holder, constructed in accordance with this invention and shown applied to a child's bed and arranged for holding the covering thereof. Fig. 2 is a transverse sectional view of the same. Fig. 3 is a longitudinal sectional view, the device being arranged to support a mosquito netting. Fig. 4 is a transverse sectional view of the same. Fig. 5 is a detail sectional view, illustrating the construction of the clamps for mounting the holder on a bedstead. Fig. 6 is a plan view of the strip or blank from which the clamp is formed. Fig. 7 is a detail view of the transverse connecting bar for maintaining the hinged frames of the holder in a raised position. Fig. 8 is an enlarged detail perspective view of a portion of one of the hinged frames, illustrating the manner of securing the bed clothing thereto. Fig. 9 is a detail perspective view of one of the hinged frames.

Like numerals of reference designate corresponding parts in all the figures of the drawings.

In the accompanying drawings in which is illustrated the preferred embodiment of the invention, the holder comprises a pair of hinged frames 1 of approximately U-shape, constructed preferably of tinned steel wire or other suitable material and each composed of end portions 2 and a longitudinal connecting side portion 3. The end portions 2 of the frames are provided with terminal longitudinally disposed pivots 4, arranged in bearing openings 5 of clamps 6 and having laterally bent outer ends 7 to prevent displacement of the pivots, but any other suitable means may, of course, be employed for retaining the terminal pivots of the hinged frames in the bearings of the clamps.

Each clamp 6 has a body portion constructed preferably of a single strip or piece of metal provided at the terminal portions with longitudinal slots 8 and having the terminal portions bent inwardly to form approximately U-shaped engaging portions 9, which are curved to conform to the configuration of the vertical rods 10 at the head and foot of a child's crib or bed 11 of the ordinary construction. The connecting portion of the body of each clamp is straight between the terminal engaging portions, which embrace two of the vertical rods of the bed 11, and the ends 12 of metal of the body are straight and in parallelism with the said straight connecting portion of the body, and the slots 9, which terminate at the ends 12, receive clamping screws 13 having heads at their outer ends and engaging threaded perforations 14 of the straight connecting portion of the body. The screws 13 cause the engaging portions of the clamp to firmly grip the vertical rods 10 of the bed and the said clamps are adapted to be adjusted upwardly and downwardly on the said rods to arrange the holder in proper position. Also the clamps, which,

when the screws are removed, are adapted to be readily sprung into and out of engagement with the rods 10, enable the holder to be readily applied to a child's bed of the ordinary construction.

The clamps are arranged midway between the sides of the bed, and the ends of the hinged frames are of a length to extend from the bearing openings of the clamps to within close proximity to the sides of the bed, and the connecting side portions of the hinged frames are of a length to extend to within close proximity of the head and foot of the said bed, as clearly illustrated in Fig. 1 of the drawings. This construction enables the hinged frames of the holder to swing downwardly within the bed to hold the bed covering 15 and also to swing upwardly to support a mosquito bar or netting 16. The sides 3 of the hinged frames are coiled at intervals, the coils 17 extending inwardly and being arranged at suitable points along the bed for holding the covering at the foot and sides. The covering is drawn into the coils and is gripped between the same and the sides 3, as clearly illustrated in Fig. 8 of the drawings, the steel or other resilient material enabling the bed covering to be securely held, but the hinged frames may, of course, be equipped with any other suitable means for connecting the bed covering to them. When the bed covering is fastened to the hinged frames, it is maintained in a spread condition and will keep a child covered at all times and should the child kick, it will permit the bed covering to raise without becoming displaced. Also either side frame is adapted to be swung upwardly to lift the cover for affording ready access to the child should it require attention.

When the hinged frames are swung upwardly to support the mosquito netting 16, they extend upwardly and outwardly and are maintained in such inclined divergent position by a transverse connecting rod 18, provided with terminal hooks 19, which engage over the sides of the hinged frames at a point intermediate of the ends thereof. The bends of the hooks are sufficiently deep to form inner and outer sides for holding the hinged frames against both inward and outward movement. Also the inclined frames extending upwardly and outwardly at opposite sides of the center operate to counterbalance each other and prevent lateral movement, and when the mosquito netting is applied to the overhead support, the latter is retained in proper position. The mosquito netting, which consists of a top portion, sides and ends, is supported over the bed out of contact with the occupant thereof. The connecting rod 18 detachably engages the hinged frames and is adapted to be readily removed to permit the same to be swung downwardly, and it also enables the hinged frames to be quickly arranged for supporting the mosquito netting.

What is claimed is:—

1. A device of the class described comprising two approximately U-shaped frames of a size to extend across the head and foot of a bed and along the sides thereof, means for mounting the frames on the bed to permit the said frames to swing downwardly against the bed clothes at opposite sides of the bed, and means carried by the frames for holding the bed clothes in a spread condition against displacement, said frames permitting the bed clothes to be lifted and being also adapted to swing upwardly over the bed and form a support for mosquito netting or the like.

2. A device of the class described comprising two approximately U-shaped frames of a size to extend across the head and foot and along the sides of a bed, said frames being resilient and coiled at intervals to form bed clothes engaging portions for holding the bed clothes in a spread condition against displacement, and means for mounting the frames on the bed to permit the said frames to swing downwardly against the bed clothes at opposite sides of the bed, said frames being also adapted to swing upwardly over the bed and form a support for mosquito netting or the like.

3. A device of the class described including two approximately U-shaped frames, means for mounting the frames on a bed to permit said frames to swing downwardly against the bed clothes at opposite sides of the bed, means carried by the frames for holding the bed clothes in a spread condition against displacement, said frames being also adapted to swing upwardly over the bed and form a support for mosquito netting or the like, and means for connecting the frames to maintain them in their elevated position.

4. A device of the class described including two approximately U-shaped frames, means for mounting the frames on a bed to permit the said frames to swing downwardly against the bed clothes at opposite sides of the bed, means carried by the frames for holding the bed clothes in a spread condition against displacement, said frames being also adapted to swing upwardly over the bed and form a support for mosquito netting or the like, and a transverse connecting rod provided with means for engaging the frames and adapted to maintain the same in an upwardly and outwardly inclined position.

5. An attachment for beds having spaced vertical rods at the head and foot, said attachment including two hinged frames, clamps for mounting the frames on the bed to permit the said frames to swing downwardly against the bed clothes at opposite

sides of the bed, said clamps each consisting of a body portion having its terminals bent inwardly on themselves and slidably embracing the vertical rods for raising and lowering the said frames, means for adjusting the terminal portions of the body for causing the same to clamp the rods, and means carried by the frames for holding the bed clothes in a spread condition against displacement, said frames being also adapted to swing upwardly over the bed and form a support for mosquito netting or the like.

6. An attachment for beds having spaced vertical rods at the head and foot, said attachment including two hinged frames, clamps for mounting the frames on the bed, said clamps being provided with means for engaging the rods of the bed and having bearings receiving the frames and permitting the latter to swing downwardly against the bed clothes at opposite sides of the bed, and means carried by the frames for holding the bed clothes in a spread condition against displacement, said frames being also adapted to swing upwardly over the bed and form a support for mosquito netting or the like.

7. A device of the class described, including two hinged frames, means for mounting the frames on a bed to permit the said frames to swing downwardly against the bed clothes at opposite sides of the bed, and means for holding the bed clothes in a spread condition against displacement, said frames being also adapted to swing upwardly over the bed and form a support for mosquito netting or the like.

In testimony, that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

CHARLES LAFAYETTE WILEY.

Witnesses:
J. A. BAUGH,
GEO. H. SEAL.

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