

(No Model.)

G. D. A. KRIGBAUM.

MOSQUITO BAR ATTACHMENT FOR BEDSTEADS.

No. 567,481.

Patented Sept. 8, 1896.

Fig. 1.

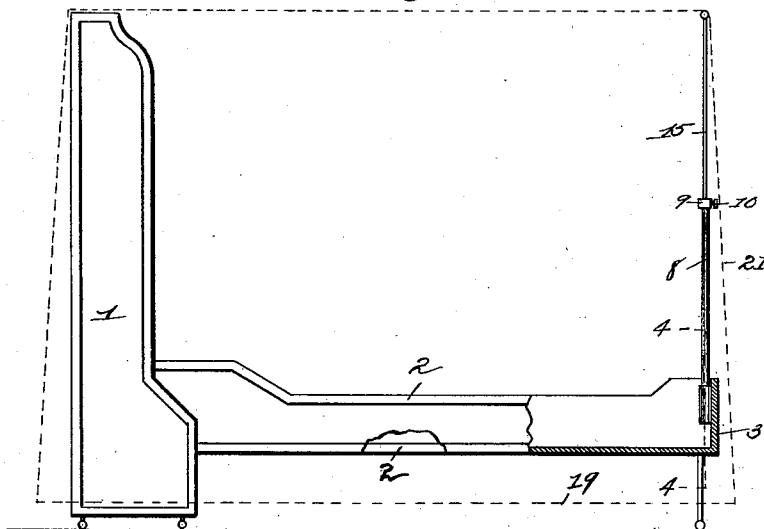


Fig. 2.

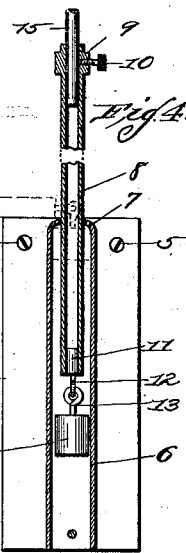
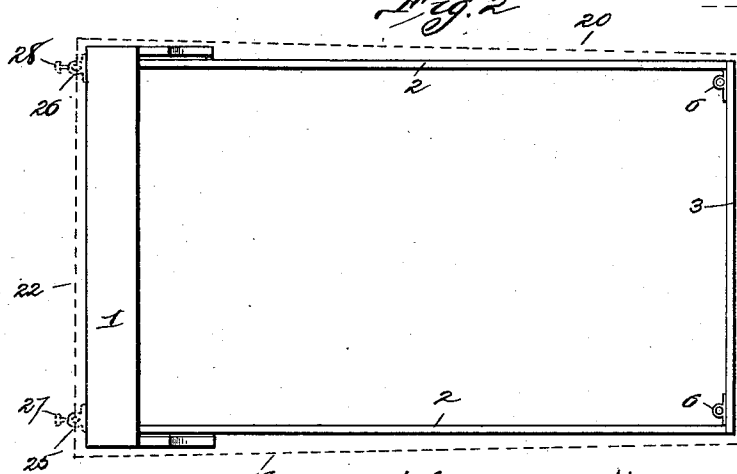


Fig. 5.

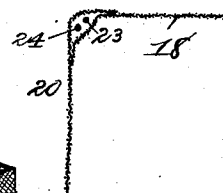
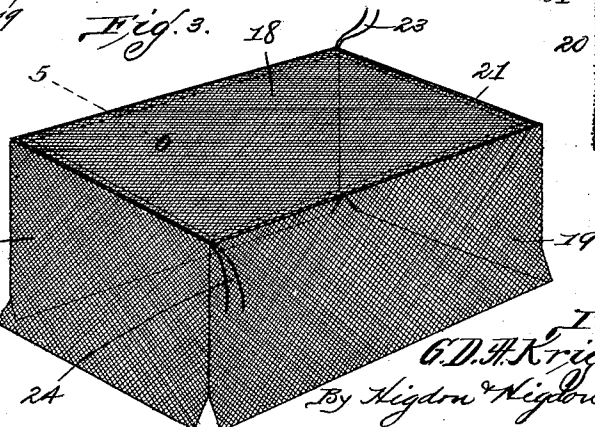


Fig. 3.



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UNITED STATES PATENT OFFICE.

GILES D. A. KRIGBAUM, OF ST. LOUIS, MISSOURI.

MOSQUITO-BAR ATTACHMENT FOR BEDSTEADS.

SPECIFICATION forming part of Letters Patent No. 567,481, dated September 8, 1896.

Application filed April 27, 1896. Serial No. 589,226. (No model.)

To all whom it may concern:

Be it known that I, GILES D. A. KRIGBAUM, of the city of St. Louis, State of Missouri, have invented certain new and useful Improvements in Mosquito-Bar Attachments for Bedsteads, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

My invention relates to mosquito-bar attachments for bedsteads; and it consists in the novel construction, combination, and arrangement of parts, hereinafter described and claimed.

In the drawings, Figure 1 is a side elevation of a bedstead having my improved attachment applied thereto as required for practical use. Fig. 2 is a top plan view of a bedstead with my improved device thereon. Fig. 3 is a perspective of a mosquito-bar of which I make use. Its position is shown in dotted lines in Figs. 1 and 2. Fig. 4 is a vertical sectional view taken approximately on the indicated line 4 4 of Fig. 1. Fig. 5 is a vertical sectional view taken approximately on the line 5 5 of Fig. 3. The view would be the same if taken on any line which crosses the seam connecting the top section of mosquito-bar with one of the side pieces.

Referring by numerals to the accompanying drawings, 1 indicates the head portion of a bed; 2, 2, the side rails of said bed, and 3 the foot-board.

4 indicates a rectangular metallic plate, in the side edges of which are formed suitable apertures 5, for the reception of proper screws. Formed integral with and extending vertically upon the face of this plate 4 is an open-ended tube 6, the upper end of which is constructed with an inwardly-turned annular flange 7.

8 indicates a metallic tube, of such diameter as that it will readily slide through the upper end of the tube 6. Formed integral with the upper end of this tube 8 is a bead 9, through which passes a set-screw 10. The lower end of this tube 8 is closed by a plug 11, from which protrudes a hook-eye 12. Attached to said hook-eye 12 is a hook-eye 13, that has attached to its lower end a cylindrical plug or stop 14, that is of such a diameter as that it will readily slide through the tube 6, but

said plug or stop will be restricted from passing out of the top of said tube by the inwardly-turned flange 7 at the top of said tube 6. Arranged to telescope and slide in the tube 8 is a metallic tube or rod 15, the upper end of which is provided with an ornamental head of any design desired.

The plates 4 are located upon the foot board 3 of the bedstead just inside the side rails 2 of the bedstead.

When the devices just described are properly located upon a bedstead and the tubes 8 and 15 are in a position level with the head of the bed, the mosquito-bar hood shown in Fig. 3 is located upon and draped over the attachments and the head of the bed in such a manner as to completely inclose the body of the bed, as indicated by dotted lines in Fig. 1. By loosening the set-screws 10 and raising and lowering the tubes 15 the upper ends of the rods 15 can be brought into the same horizontal plane with the upper end of the head of the bedstead.

The mosquito-bar hood consists of a rectangular section 18 of suitable netting composing the top, the side pieces 19 and 20 attached to and depending at right angles therefrom, and the end pieces 21 and 22 connecting the ends of said side pieces and attached to the ends of said top piece. Puckering-strings 23 and 24 are inserted in the seam around the edges of the said top piece with their ends extending from diagonally opposite corners in such a way that when the said strings are pulled the hood is contracted in size. The hood should be large enough to pass readily over and around the bed, and when in proper position the puckering-strings are pulled until they hold the side pieces and the end pieces from sagging between their respective supports, and in this way said side and end pieces are also gathered in closely around the bed.

When my improved attachments are in use upon a folding-bed and it is desired to close said bed, the operator, after loosening the puckering-strings, removes the hood, loosens the set-screws 10, and allows the rods 15 to slide downwardly and telescope into the tubes 8. Said tubes 8 are now drawn upwardly through the tubes 6 until their lower ends carrying the plugs 11 are out of said tubes 6 and the plugs or stops 14 engage against the in-

wardly-turned flanges 7. This brings the hook-eyes 12 and 13 above the upper ends of the tubes 6, and this allows the tubes 8 to be swung or folded into horizontal positions and to lie along the side rails 2 of the bed. Said bed can now be folded in the usual manner and without effecting the various parts of my improved attachments.

Other forms of hoods may be used with the telescoping attachments, or hooks may be attached to the upper ends of the tubes 15 and netting may be attached thereto.

If it is desired to use my attachments in connection with a bed having a low head-board, loops 25 and 26, having set-screws 27 and 28, (shown in dotted lines in Fig. 2,) may be attached to said head-board and rods similar to the rods 15 may be adjustably positioned in said loops to raise the hood to the desired height.

Mosquito-bar attachments of my improved construction are inexpensive, may be very easily applied to all forms of bedsteads, are expeditiously operated, and possess superior advantages in point of simplicity, durability, and general efficiency.

I claim—

1. In a device of the class described, the combination with a bedstead of the rectangular metallic plate 4, the tube 6 attached to said plate, the inwardly-turned annular flange 7 at the upper end of said tube 6, the metallic tubular rod 8 slidingly positioned in said tube 6, the bead 9 on the upper end of said tubular rod 8, the set-screw 10 seated in said bead 9, the plug 11 in the lower end of the rod 8, the hook-eye 12 attached to said plug 11, the hook-eye 13 engaging said hook-eye 12, the cylindrical plug 14 fitting closely within the tube 6 and attached to said hook-eye 13 and the rod 15 operating in the tubular rod 8, substantially as specified.

2. In a device of the class described, the combination with a bedstead of the metallic plate 4 at each of the foot corners of the bed-

stead, the tubes 6 attached to said plates, the tubular rods 8 operating within said tubes 6, the plugs 11 closing the lower ends of said tubular rods 8, the hook-eyes 12 attached to said plugs 11, the hook-eyes 13 engaging said hook-eyes 12, the cylindrical plugs 14 fitting closely within the tubes 6 and attached to said hook-eyes 13, the rods 15 slidingly positioned within said tubular rods 8 and a mosquito-bar hood inclosing the bedstead, the rear end of said hood being supported by the rods 15, substantially as specified.

3. In a device of the class described, the combination with a bedstead of the metallic plate 4 at each of the foot corners of the bedstead, the tubes 6 attached to said plates, the tubular rods 8 operating within said tubes 6, the plugs 11 closing the lower ends of said tubular rods 8, the hook-eyes 12 attached to said plugs 11, the hook-eyes 13 engaging said hook-eyes 12, the cylindrical plugs 14 fitting closely within the tubes 6 and attached to said hook-eyes 13, the rods 15 slidingly positioned within said tubular rods 8, a mosquito-bar hood inclosing the bedstead, the rear end of said hood being supported by the rods 15, and which hood consists of the rectangular section 18 composing the top, the side pieces 19 and 20 attached to and depending at right angles from said rectangular section, the end pieces 21 and 22 connecting the ends of said side pieces and attached to the ends of said top piece and the puckering strings 23 and 24 inserted in the seam around the edges of said top piece with their ends extending from diagonally opposite corners in such a way that when said strings are pulled the hood is contracted in size, substantially as specified.

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

GILES D. A. KRIGBAUM.

Witnesses:

MAUD GRIFFIN,
S. G. WELLS.