

(No Model.)

O. S. FOSTER & F. E. WILCOX.
SLAT HANGER FOR BEDS.

No. 572,600.

Patented Dec. 8, 1896.

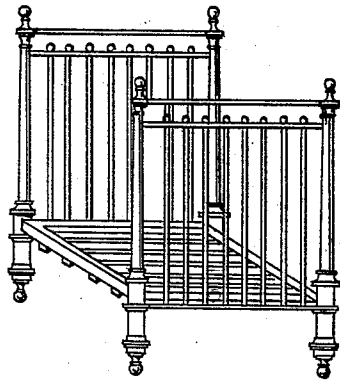


Fig. 1.

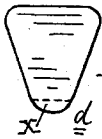


Fig. 2^a

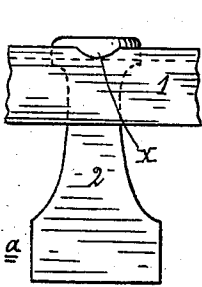


Fig. 2^b

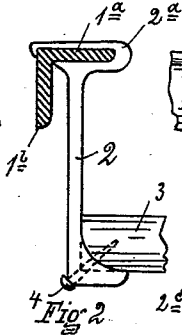


Fig. 2^c

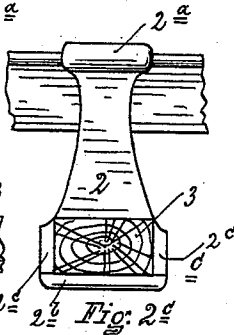


Fig. 2^d

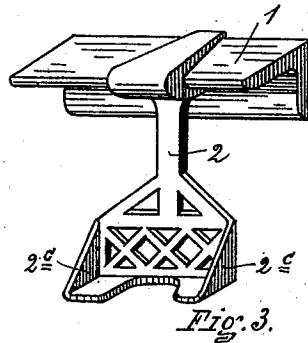


Fig. 3.

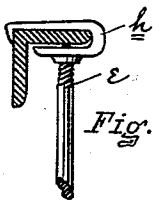


Fig. 6.

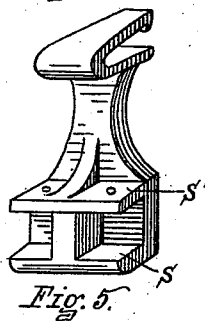


Fig. 5.

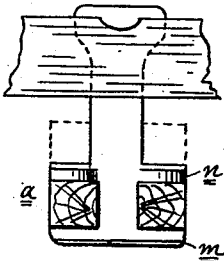


Fig. 4^a

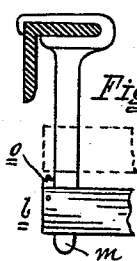


Fig. 4^b

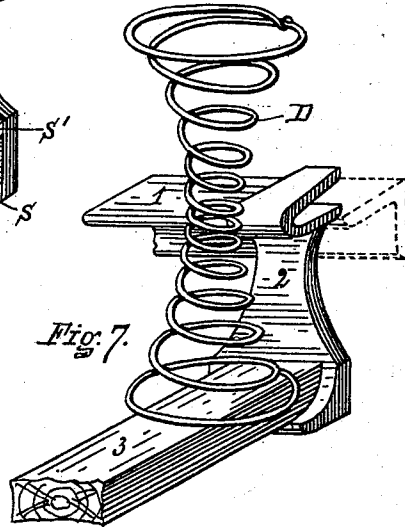


Fig. 7.

WITNESSES
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UNITED STATES PATENT OFFICE.

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SLAT-HANGER FOR BEDS.

SPECIFICATION forming part of Letters Patent No. 572,600, dated December 8, 1896.

Application filed July 30, 1892. Serial No. 441,767. (No model.)

To all whom it may concern:

Be it known that we, OSCAR S. FOSTER, of Utica, Oneida county, and FRED E. WILCOX, of Syracuse, county of Onondaga, in the State of New York, have invented certain new and useful Improvements in Slat-Hangers for Beds; and we do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form part of this specification.

Our invention relates to an improvement in slat-hangers for beds.

In the drawings, Figure 1 shows in perspective a bedstead to which our slat-hanger is applicable and having hangers applied thereto. Fig. 2 shows at *a*, *b*, *c*, and *d* an outside view, an edge view, an inside view, and top view of our hanger, respectively. Fig. 3 shows a modified form of the hanger in perspective from the inside in connection with a portion of the side rail of the bedstead. Fig. 4 shows at *a* an outside view of a modified form of hanger in connection with a portion of the side rail of the bedstead, and at *b* shows an edge view of the same parts. Fig. 5 shows in perspective from the inner side a modified form of the hanger having shoulders adapted to support a slat at either one of two heights in the bedstead. Fig. 6 shows in detail a portion of a modified form of hanger. Fig. 7 shows in perspective from the inner side a hanger in connection with a slat and a bed-spring on the slat, and which may be one of a series of slats in a spring-mattress.

The hanger described herein is more particularly adapted for use upon what are known as "iron bedsteads," and which, as usually constructed, are provided with angle-iron side rails 1, which, as usually placed in, have an inwardly-projecting web or flange 1^a and a vertical flange 1^b. The hanger 2 is provided with a hook-shaped head 2^a, adapted to engage the web or flange on the side rail 1 by means of shoulders on each side and closely embrace it, and is further provided with a malleable lip *x*, adapted to be clenched over

the opposite edge of the side rail. The lower end of the hanger is provided with a slat-supporting shoulder 2^b, on which the slat 3 is adapted to rest. The slat may be retained on the shoulder against sidewise displacement by means of shoulders or projections 2^c at either end of the shoulder. Provision is also made in the hanger for the insertion of a nail 4, which may be driven into the slat to secure the slat and hanger together.

In the modified form of construction shown in Fig. 3 the side shoulders 2^c are dispensed with and a center rib 5 is provided adapted to be received in the notched end of a slat prepared to adapt it to be received on such a hanger.

In the modified form of construction shown in Fig. 5 the hanger is provided with a pair of supporting-shoulders, as shown at *s* and *s'*, adapted to support the slat on either shoulder and in a position more or less below the level of the side rails, as occasion might require.

Fig. 6 shows a modified form of construction in which the head *h* is made of an independent piece and the shank of the hanger proper is provided with a screw-threaded end *e*, adapted to pass through the hanger-head and engage and bind the hanger onto the flange of the side rail. This head is likewise capable of being reversed to adapt itself to a side rail where the horizontal flanges extend outwardly instead of inwardly.

In Fig. 4 is shown a hanger having two supporting cross-bars *m* and *n*, on which the slat is adapted to be supported in a more or less elevated position, as described with reference to Fig. 5. The slat end is notched to adapt it to receive the shank of the hanger, and the hanger may also be provided with an opening for the reception of a nail, as shown at *o*, which is driven into the slat and secures the same.

In Fig. 7 is shown in perspective in connection with the hanger a portion of the side rail and a spring D, which may be one or more of a series of similar springs or one of an assemblage of springs forming a spring-wire mattress. The spring shown is a double conical spring, which adapts it to overhang the

side rail on the upper end, and the spring is preferably in height about equal to twice the distance from the top of the side rail to the top of the slat hanging in the hanger.

5 It will be understood, of course, that a sufficient number of slats supported by hangers on either side of the bed, as described, is provided for supporting a mattress or any other desired covering.

10 It is evident that many other modifications and changes in and from the hanger herein described and than those illustrated may be made without departing from the equivalents of our construction.

15 What we claim as new, and desire to secure by Letters Patent, is—

The combination with an iron-angle bedstead-rail and a slat, of a slat-hanger having a hook-shaped head 2^a gripping the horizontal web of the rail from both upper and under sides, the body portion of the hanger depending from a point on the head inside of the inner edge of the rail and also having a slat-supporting shoulder 2^b, substantially as set forth. 20

In witness whereof we have affixed our signatures in presence of two witnesses. 25

OSCAR S. FOSTER.
FRED E. WILCOX.

Witnesses:

RICH. A. GEORGE,
M. A. KELLER.