

(No Model.)

C. S. FIELDING & J. R. GROGAN.
BED SLAT FASTENER.

No. 575,882.

Patented Jan. 26, 1897.

Fig. 1.

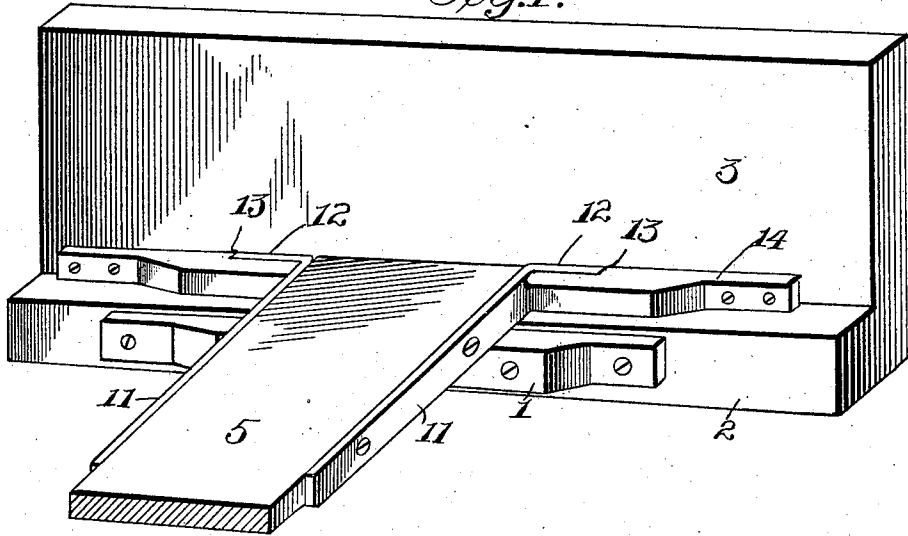


Fig. 2.

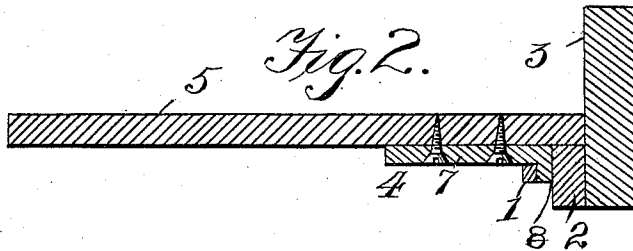


Fig. 4.

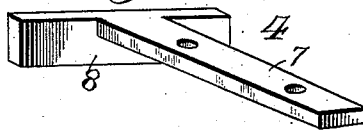


Fig. 3.



Inventors

Charles S. Fielding and

By their Attorneys, John R. Grogan

Cal. Snow & Co.

Witnesses

J. F. Patterson.
J. H. Riley

UNITED STATES PATENT OFFICE.

CHARLES S. FIELDING AND JOHN R. GROGAN, OF QUITMAN, TEXAS.

BED-SLAT FASTENER.

SPECIFICATION forming part of Letters Patent No. 575,882, dated January 26, 1897.

Application filed July 8, 1896. Serial No. 598,465. (No model.)

To all whom it may concern:

Be it known that we, CHARLES S. FIELDING and JOHN R. GROGAN, citizens of the United States, residing at Quitman, in the county of Wood and State of Texas, have invented a new and useful Bed-Slat Fastener, of which the following is a specification.

The invention relates to improvements in bed-slat fasteners.

The object of the present invention is to improve the construction of bed-slat fasteners and to provide a simple, inexpensive, and efficient one, capable of being readily applied to a bedstead and adapted to support a bed-slat firmly in position and to prevent the side rails of a bedstead from springing outward.

A further object of the invention is to provide a bed-slat fastener in which there will be no recesses or crevices for the accumulation of vermin.

The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claim hereto appended.

In the drawings, Figure 1 is a perspective view of a portion of a bedstead-slat fastener constructed in accordance with this invention and shown applied to a slat and a side rail of a bedstead. Fig. 2 is a sectional view taken longitudinally of the slat. Fig. 3 is a detail perspective view of the continuous keeper. Fig. 4 is a similar view of the T-shaped hook for engaging the continuous keeper.

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

1 designates a continuous keeper, constructed of suitable metal, secured to the side face of a slat-supporting cleat 2 of a side rail 3 and arranged to be engaged by a hook 4 of a slat 5. The continuous keeper is provided with a substantially rectangular opening 6 and is perforated at opposite sides of the same for the reception of suitable fastening devices for securing it to the cleat 2, and the T-shaped hook 4 consists of a flat shank 7, secured to the lower face of the slat, and a transverse head 8, depending from the outer end of the shank and projecting laterally from opposite sides thereof. The depending

head 8, which is arranged against the outer face of the cleat 2, fits snugly within the opening 6 of the keeper 1 and entirely fills the same, so as to avoid the formation of any crevices or recesses which might permit the accumulation of vermin, and the keeper is provided at its upper edge, adjacent to the center of the opening 6, with a recess 9, receiving the shank 7 of the hook 4, whereby the parts are snugly fitted together.

The slat 5 has its end 10 fitting snugly against the inner face of the side rail 3, and it is provided at opposite sides with L-shaped plates 11, secured to the side edges of the slat and having short arms 12, extending laterally from the end 10 of the slat and also fitting against the face of the side rail 3 of the bedstead. The laterally-projecting arms 12 of the L-shaped plates are received within recesses 13 of keeper-plates 14, located at opposite sides of the slat and secured directly to the side rail 3. The recesses are arranged at the inner faces of the keeper-plates at the inner ends thereof, and the arms 12 of the L-shaped plates are adapted to be introduced into the recesses 13 simultaneously with the insertion of the head of the T-shaped hook into the opening of the continuous keeper 1.

It will be seen that the slat-fastener is simple and comparatively inexpensive in construction, that it is adapted to be readily applied to a bed without altering the construction of the slats or the side rails, and that it connects the slats to the cleats of the side rails and also to the side rails, whereby the slat is firmly supported and the side rails prevented from springing or bulging outward without subjecting the cleats to excessive strain.

Changes in the form, proportion, and minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

What we claim is—

In a bedstead-fastener, the combination with a side rail provided with a slat-supporting cleat, and a slat arranged on the upper face of the cleat and fitting squarely against the inner face of the side rail, of a continuous keeper 1 secured to the side face of the cleat, arranged below the slat and provided

with a longitudinal opening and having a recess at its upper edge, a T-shaped hook secured to the lower face of the slot and comprising a shank arranged in the recess of the
5 keeper, and a depending head extending laterally from the shank, arranged in the opening of the keeper and fitting against the side face of the cleat, the keeper-plates arranged on the upper face of the cleat and secured directly to the side rail and provided at their
o inner ends with recesses located at opposite sides of the slot, and the L-shaped plates secured to the side faces of the slots and hav-

ing short arms fitting against the face of the side rail, extending laterally from the end of the slot and engaging the recesses of the
15 keeper-plates, substantially as described.

In testimony that we claim the foregoing as our own we have hereto affixed our signatures in the presence of two witnesses.

CHARLES S. FIELDING.
JOHN R. GROGAN.

Witnesses:

W. R. BLALOCK,
P. N. THOMAS.