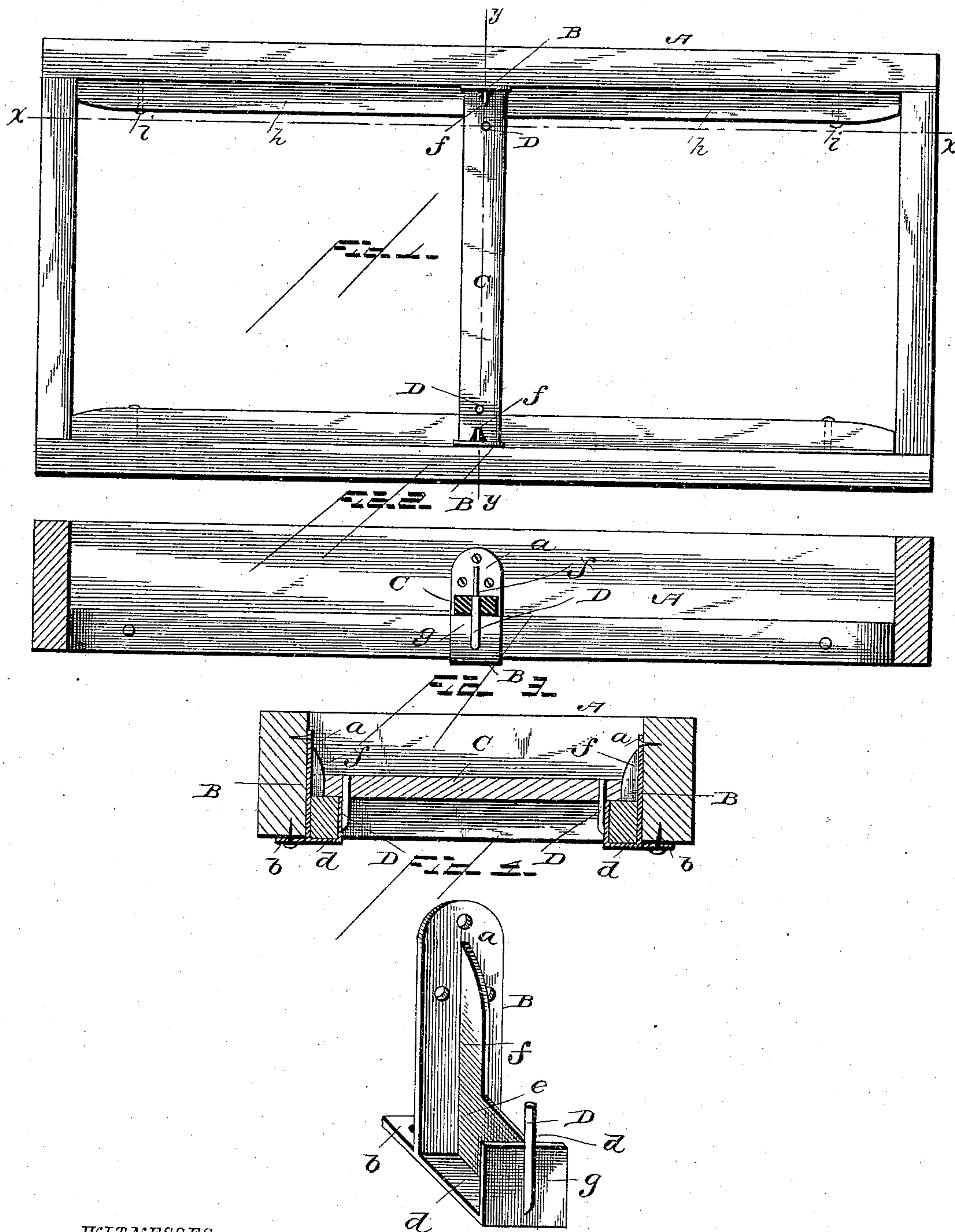


(No Model.)

W. SLOPPY.
BED SLAT SUPPORT.

No. 371,985.

Patented Oct. 25, 1887.



WITNESSES

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WILLIAM SLOPPY, OF KIOWA, KANSAS.

BED-SLAT SUPPORT.

SPECIFICATION forming part of Letters Patent No. 371,985, dated October 25, 1887.

Application filed August 13, 1887. Serial No. 246,870. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM SLOPPY, a citizen of the United States, residing at Kiowa, in the county of Barber and State of Kansas, have invented certain new and useful Improvements in Bed-Slat Supports; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it ap-
10 pertains to make and use the same.

This invention has relation to devices for preventing the lateral spreading of bed-frames and the consequent loosening or parting of the slat-rails and the dropping of the slats.

15 An important desideratum in this class of devices has been to provide means for preventing the slat-rails from drawing or twisting away from the side rails of bed-frames after but little use, and also to prevent the frame from spreading laterally and the consequent dropping of the slats. To do this at a minimum expense is the object of my invention.

25 In the manufacture of bed-frames it is well known that the slat-rails are first glued to the side rails and then a few tacks driven through them. Thus when warm water or oil has been used in cleaning the frame after use the glue melts and all of the strain is then brought
30 upon the tacks, which, not being sufficient to sustain the occupants of the bed, will draw out, allowing the frame to sag and spread and the slats to fall.

35 My invention will be fully understood from the following description and claims, when taken in connection with the annexed drawings, in which—

40 Figure 1 is a plan view of a bed-frame embodying my improvements. Fig. 2 is a longitudinal sectional view of the same. Fig. 3 is a cross-sectional view, and Fig. 4 is a perspective view of one of the stirrup-brackets removed from the frame.

45 Referring by letter to the said drawings, A indicates a bed-frame, which may be of any ordinary or approved construction.

B indicates my improved stirrup, which may be cast or suitably formed of metal. This stirrup-casting has a vertical branch, *a*, which is

perforated, as shown, for the reception of 50 screws or the like, whereby the same may be secured to the inner side rails of the frame, and this vertical branch *a* is also provided at its lower end with an outward horizontal flange, *b*, which is also perforated for attach- 55 ment to the under side of the said side rails, as shown. The inner sides of these castings are formed with stirrups or sockets *d d*, for the reception of the adjacent ends of the slat-rails, and these sockets are divided by a vertical 60 partition or wall, *e*, which has a reduced vertical extension, *f*, to receive the kerfed edges of a transverse lock-bar, C, as will be presently explained. The front vertical walls, *g*, of the sockets are of approximately the same height 65 as the thickness of the slat-rails, and the said walls are provided about midway of their length with vertically-disposed studs D, which are designed to enter recesses in the opposite ends of the transverse bar C. It will be ob- 70 served that the ends of this transverse bar C are kerfed to receive the vertically-disposed flanges *f*, whereby lateral displacement of the said bar will be prevented. It will also be observed that this bar will prevent the ends of 75 the slat-rails from rising out of the sockets, and by means of the studs the said transverse bar C will prevent the frame from spreading laterally and the slats from falling. These castings are secured to the inner side rails of 80 the frame and at opposite points about midway the length thereof. The adjacent ends of the slat-rails *h* are placed in the sockets, and the opposite or outer ends are tacked to the side rails, as at *i i*.

85 Having described this invention, what I claim is—

1. As an improved article of manufacture, a stirrup-casting, such as described, having the vertical and lateral attaching-flanges, the 90 vertical partition, and vertical stud, substantially as specified.

2. The combination, with a bed-frame, of the socket-casting adapted to be attached to the inner sides of the side rails thereof, and hav- 95 ing a vertical stud, as D, and the central vertical partition, the slat-rails having their adjacent ends bearing in the said casting on oppo-

site sides of the said partition, and the transverse bar having its ends perforated to receive the said studs, substantially as specified.

3. The combination, with a bed-frame, of the
5 castings having the attaching-flanges, the sockets divided by a vertical partition, and also having the vertical stud, the slat-rails having their adjacent ends resting in the said sockets, and the transverse locking-bar having its ends

perforated to receive the said studs, substantially as specified.

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

WILLIAM SLOPPY.

Witnesses:

WILLIAM F. SMITH,

J. L. B. ELLIS.