

IRA DEYO.

Improvement in Bedsteads.

No. 115,716.

Fig. 1.

Patented June 6, 1871.

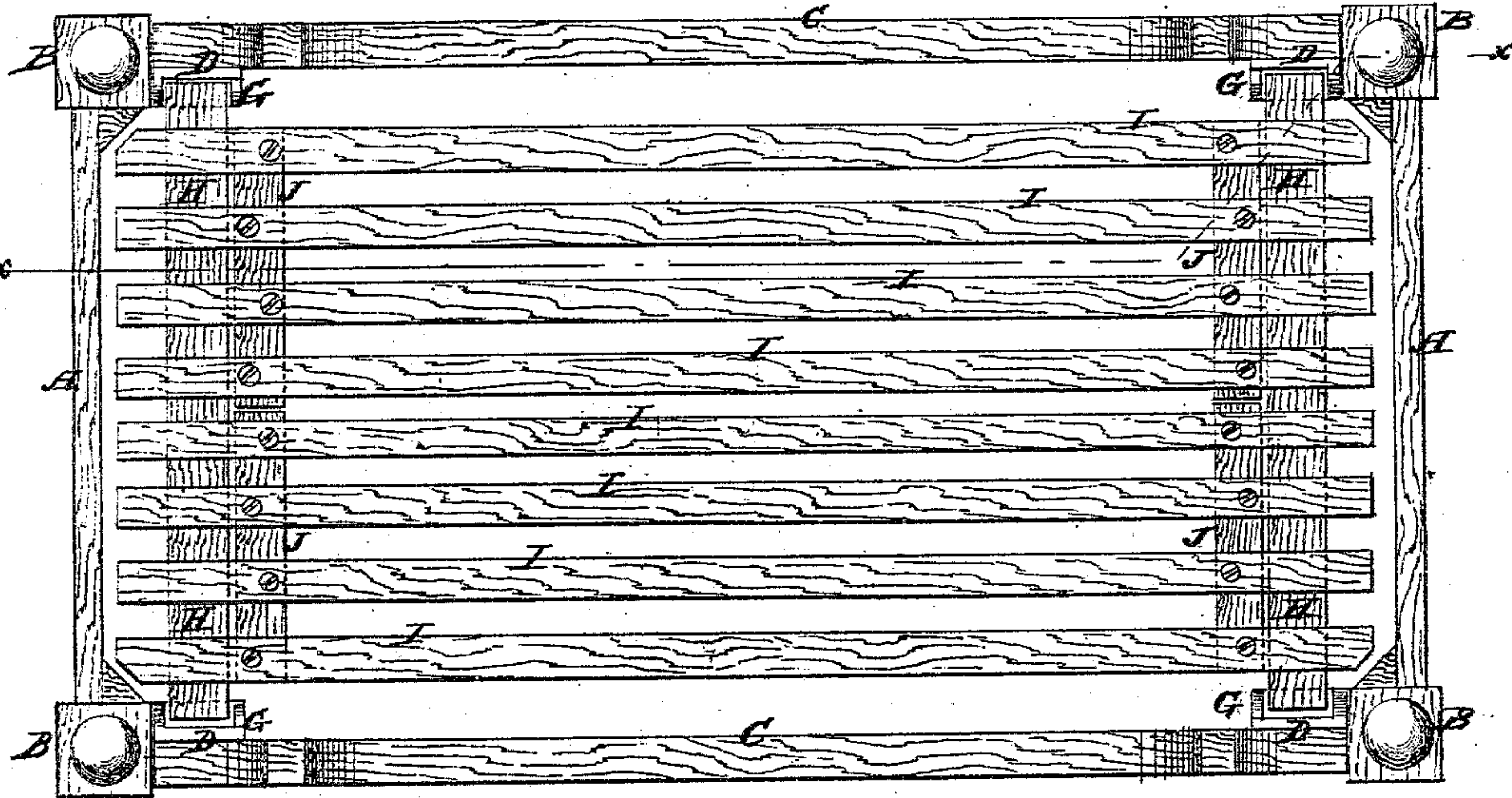
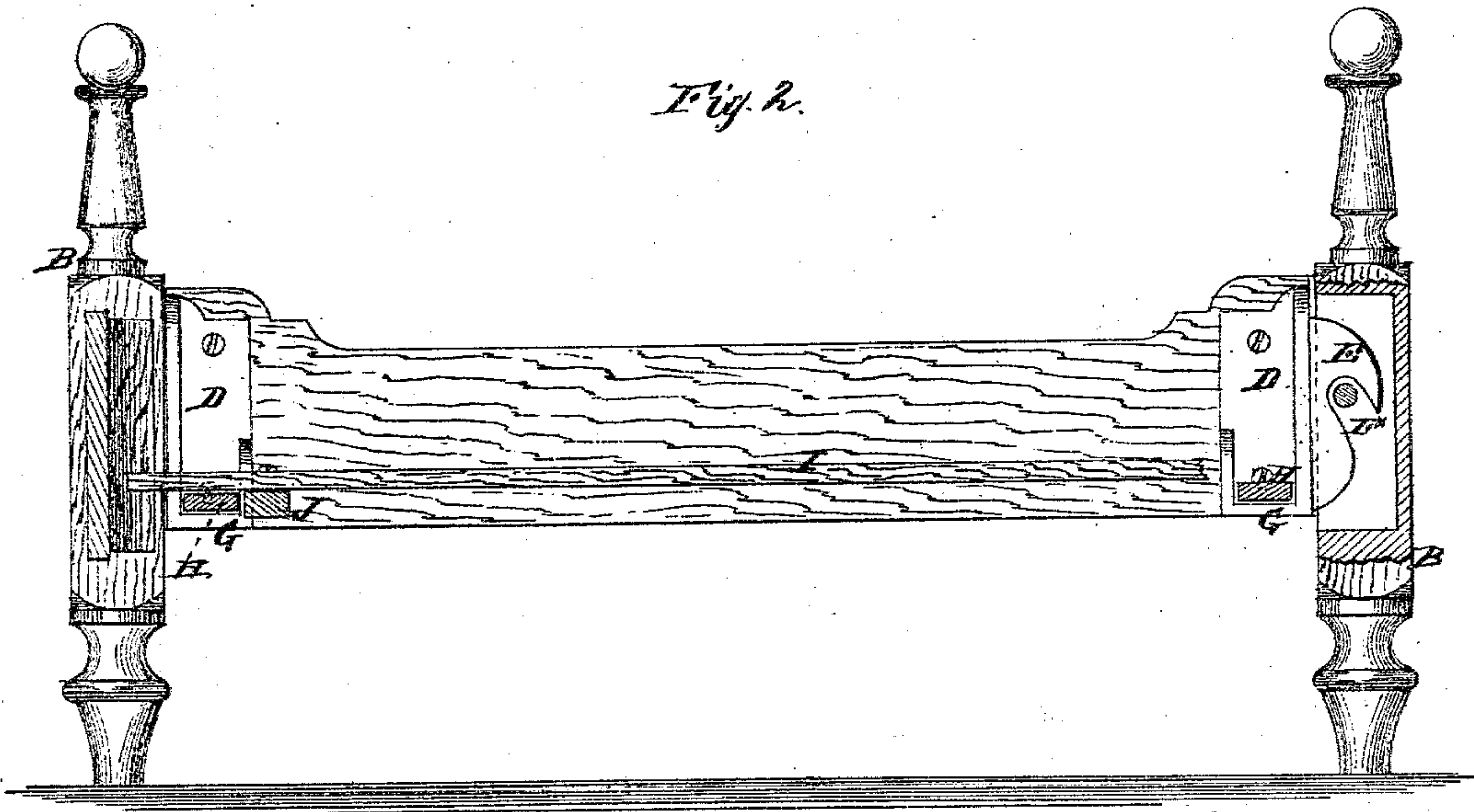


Fig. 2.



Witnesses:  
P. C. Dieterich.  
Wm. H. C. Smith.

Inventor:  
Ira Deyo.  
PER *Wm. H. C. Smith*  
Attorneys.



# UNITED STATES PATENT OFFICE.

IRA DEYO, OF NAPLES, NEW YORK, ASSIGNOR TO HIMSELF AND O. BROWN,  
OF BROOKVILLE, PENNSYLVANIA.

## IMPROVEMENT IN BEDSTEADS.

Specification forming part of Letters Patent No. 115,716, dated June 6, 1871.

*To all whom it may concern:*

Be it known that I, IRA DEYO, of Naples, in the county of Ontario and State of New York, have invented a new and useful Improvement in Bedstead-Fastening and Bottom; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification, in which—

Figure 1 is a top view of my improved bedstead. Fig. 2 is a detail sectional view of the same taken through the line *x x*, Fig. 1.

Similar letters of reference indicate corresponding parts.

My invention relates to an improved device to be applied to bedsteads, for the double purpose of connecting the rails and posts of the same and supporting the cross-slats on which the longitudinal slats of the bed-bottom rest. The construction of the said parts is herein-after fully described.

A are the end rails or boards of the bedstead, to the ends of which the posts B are permanently attached. C are the side rails, to the inner sides of the ends of which are attached plates D, having hooks E formed upon their forward edges. The hooks E enter mortises in the posts B of the bedstead, and hook around pins F attached to said posts, and which cross the said mortises, as shown in Fig. 2. The hooks E are formed as shown in Fig. 2—that is to say, with a wide lateral bearing both above and below the pin F to rest against the sides of the mortises, and make the bedstead firm laterally. Upon the forward edge of the plate D is formed a flange, which rests against the posts B, and makes the connection firmer. This flange is extended along the lower end of the plate D, and up a little along its other or inner edge, to form a socket, G, to receive the ends of the cross-

bars or slat-beams H, the ends of which rest in said sockets G. The bars H extend across the head and foot parts of the bedstead, are made slightly elastic, and of sufficient strength to support the slats I. The slats I extend longitudinally across the bedstead, and their ends rest upon the cross-slats H. The longitudinal slats I are made as light as they can be to have sufficient strength to support the weight, so that they may have the greatest possible elasticity. The longitudinal slats I are kept in their proper relative positions with respect to each other and the cross-slats H by cross-slats J, which are attached to the said longitudinal slats I, and the outer edges of which rest against the inner edges of the cross-slats H. The cross-slats J are made short, each one extending half way across the bed-bottom, dividing the bed-bottom into two equal and independent halves or sections, so that the weight of each person will be distributed to all the slats of his half of the bed-bottom, and will not affect the slats of the other half, thus guarding against the tendency to sag in the center, which bed-bottoms constructed in the usual manner unavoidably have.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. The device for connecting the rails and posts of a bedstead and supporting the bed-bottom, formed of the plate D, provided with the hook E, projecting both above and below the pin F, and with the socket G, as shown and described.

2. The combination of sectional bed-bottom I J, cross-slats H, devices D E G, rails A C, and posts B, as and for the purpose specified.

IRA DEYO.

Witnesses:

ELLERY C. DEYO,  
ISAAC BROWN.