

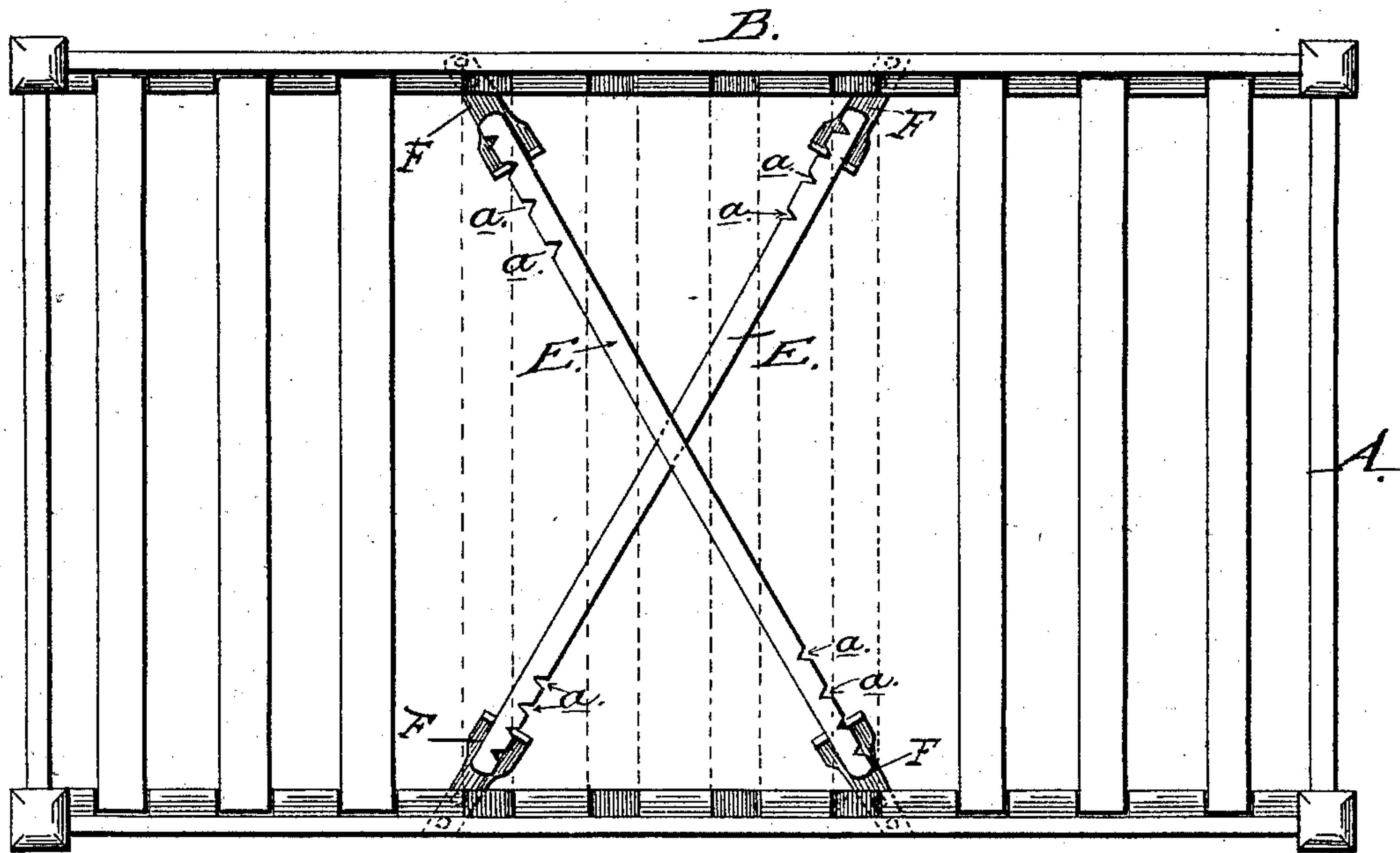
(No Model.)

R. J. MORTON.  
BED BRACE.

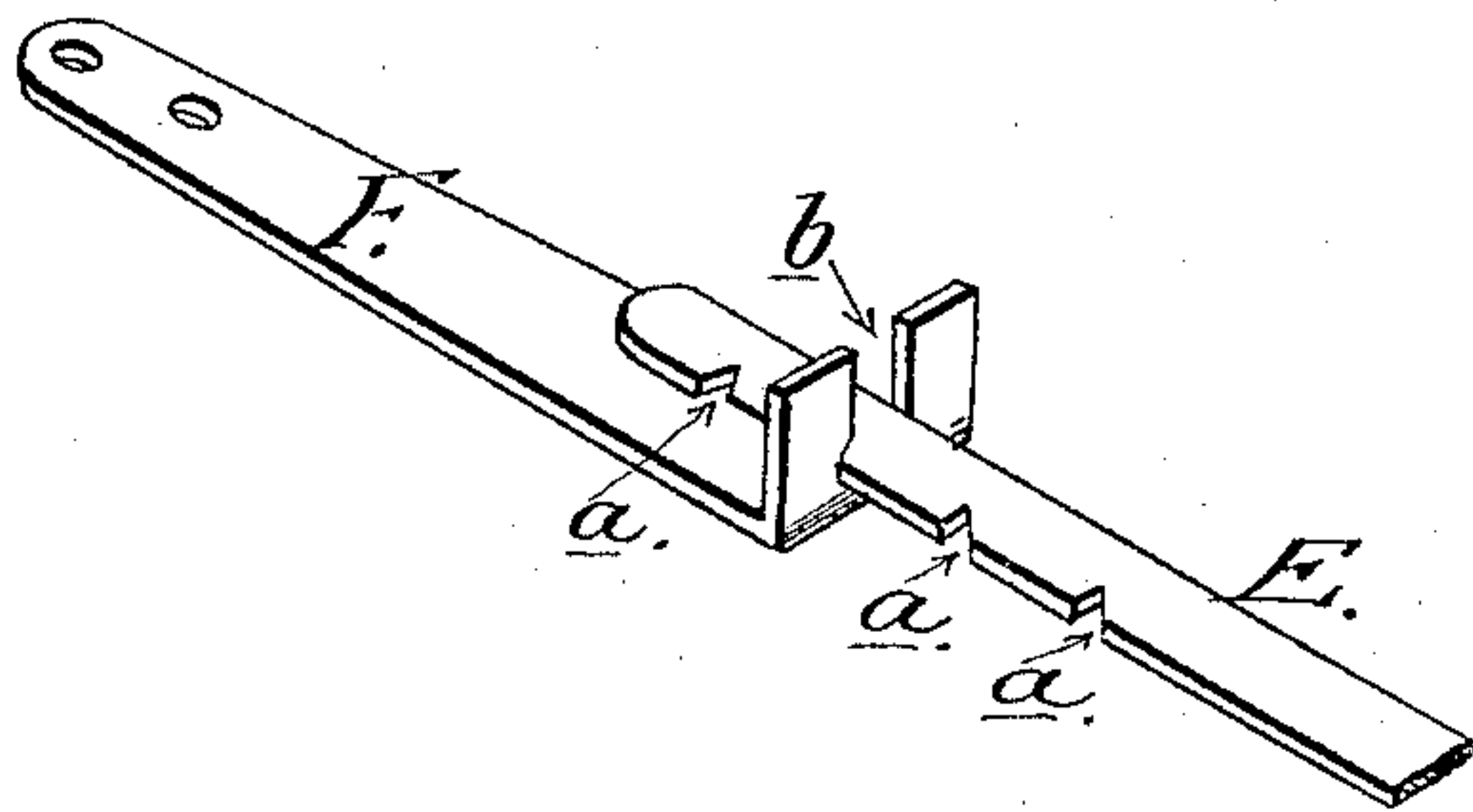
No. 460,092.

Patented Sept. 22, 1891.

*Fig. 1.*



*Fig. 2.*



WITNESSES

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# UNITED STATES PATENT OFFICE.

RUFUS J. MORTON, OF NORTH DANVILLE, ASSIGNOR OF ONE-HALF TO  
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## BED-BRACE.

SPECIFICATION forming part of Letters Patent No. 460,092, dated September 22, 1891.

Application filed June 2, 1891. Serial No. 394,820. (No model.)

*To all whom it may concern:*

Be it known that I, RUFUS J. MORTON, a citizen of the United States, residing at North Danville, in the county of Pittsylvania and State of Virginia, have invented certain new and useful Improvements in Bed-Braces, of which the following is a full and clear description, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 represents a plan view of a bedstead having my improved brace secured thereto. Fig. 2 is a detail of one of the notched brace-bars and one of the slotted plates.

My invention relates to a means for bracing bed-frames and analogous articles of furniture; and it consists of the constructions and combinations of devices which I shall hereinafter fully describe and claim.

To enable others skilled in the art to which my invention appertains to make and use the same, I will now describe its construction and indicate the manner in which the same is carried out.

In the accompanying drawings I have illustrated my invention as applied to a common form of bedstead, and wherein A designates the head-section, and B the side rails, which are provided with the usual mortises or sockets for the slats.

To securely brace the bed-frame, and especially to obviate the danger of the side rails "spreading" and the slats falling through, I employ suitable adjustable braces, shown herein as consisting of diagonally-placed bars E, secured to opposite side rails and crossing each other at the center, as shown, the said bars having one or both edges near the ends provided with notches *a*.

The means adopted to secure the ends of the bars to the side rails consist of the plates F, screwed or otherwise secured to the under surface of said rails and projecting inward at an angle and having their inner ends bent upward and slotted at *b* to receive the notched

ends of the bars E, whereby the latter are detachably secured. By this arrangement of the plates and bars the frame of the bed cannot be twisted so as to become loose, as the crossing of the bars and their engagement with the plates serve to resist any twisting effect from either side or end.

By my manner of bracing the bars are adjustable to suit varying widths of bed-frames, as any of the notches of the bars may engage the slotted ends of the plates and the brace may therefore be placed on different widths of bed-frames without changing the length of the bars. The brace may also be applied to any bed-frame at a very small cost. Being below the slatted bottom, it may be applied to or removed from the bed without disturbing the bedclothes, and when in position it serves as an effective means for holding the sections of the bed rigidly together.

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

1. The combination of plates projecting from opposite sides of the bed-frame and having slotted inner ends, and the diagonally-disposed bars having notched ends adapted to engage the slotted ends of the plates, whereby the bars are detachably and adjustably secured, substantially as herein described.

2. The combination, with a bed-frame, a brace therefor consisting of plates adapted to be secured to the lower portion of the side rails of said frame and having their inner ends bent upwardly and slotted, and diagonally-arranged bars crossing each other at the center and having their edges near the ends formed with notches adapted to engage the slotted upturned ends of the plates, substantially as herein described.

RUFUS J. MORTON.

Witnesses:

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W. J. SMITH.