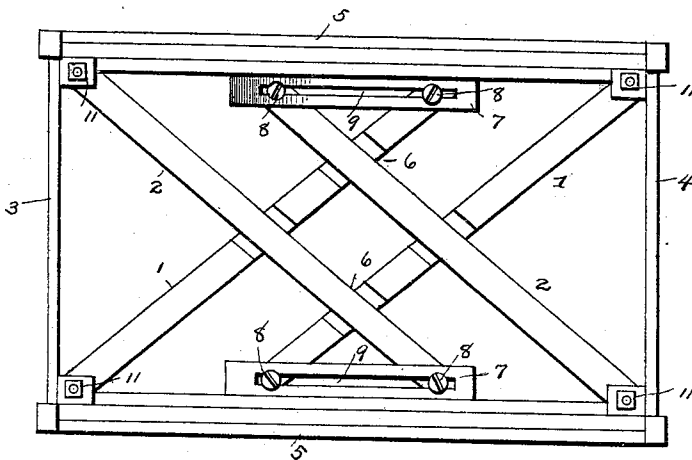
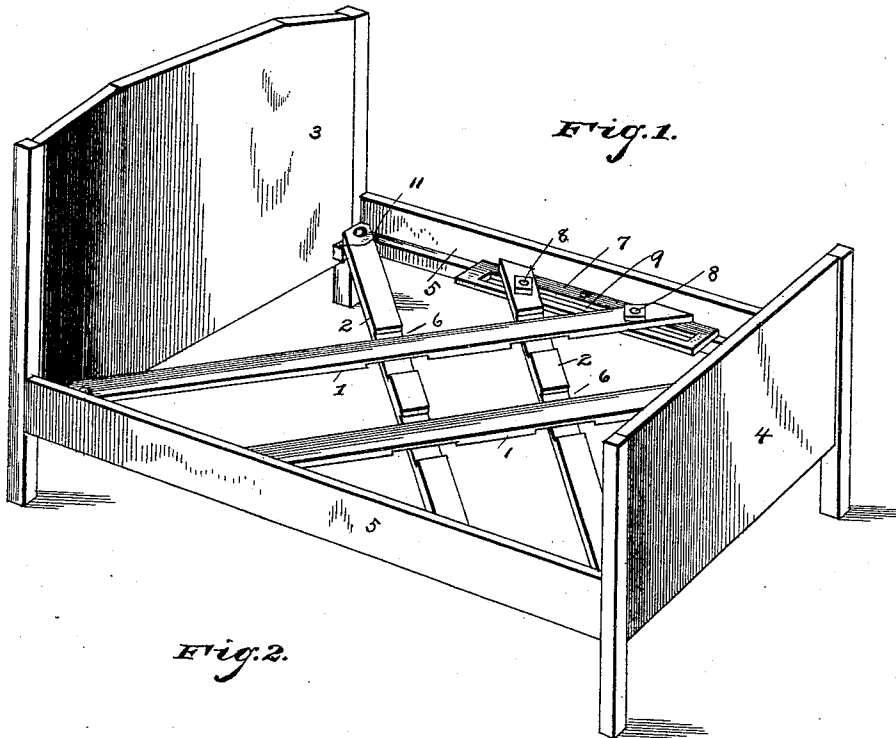


(No Model.)

W. H. SCOTT.
BED BOTTOM.

No. 487,430.

Patented Dec. 6, 1892.



Witnesses

B. O. O'Brien
H. Riley

Inventor
William H. Scott.

By *His* Attorneys,

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UNITED STATES PATENT OFFICE.

WILLIAM H. SCOTT, OF SAN FRANCISCO, CALIFORNIA.

BED-BOTTOM.

SPECIFICATION forming part of Letters Patent No. 487,430, dated December 6, 1892.

Application filed December 31, 1891. Serial No. 416,639. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. SCOTT, a citizen of the United States, residing at San Francisco, in the county of San Francisco and State of California, have invented a new and useful Bed-Bottom, of which the following is a specification.

The invention relates to improvements in combined bedstead-braces and mattress-supports.

The object of the present invention is to provide means for bracing bedsteads to prevent the joints from becoming loose or broken by the strain incident to using and moving a bedstead and to provide a brace that can be adjusted to strengthen and draw inwardly the parts composing a bedstead which has already become loose at the joints and is weak.

A further object of the invention is to provide a brace that can be adjusted to bedsteads of different sizes and that will not only render them rigid, but that will dispense with the usual slats.

The invention consists in a brace for bedsteads arranged to project into each corner thereof and be adjusted to bear laterally and longitudinally against the same to brace a bedstead and also to support the mattress.

In the drawings, Figure 1 is a perspective view of a bedstead provided with a combined brace and mattress-support constructed in accordance with this invention. Fig. 2 is a reverse plan view.

Like numerals of reference indicate corresponding parts in both the figures of the drawings.

1 and 2 designate bracing-bars which are arranged in pairs and extend diagonally across the bedstead and are crossed intermediate their ends and have their outer ends connected to the head-board 3 and the foot-board 4 and arranged in the corners thereof. The inner ends of the bracing-bars 1 and 2 are adjustably connected with the side rails 5. The braces 1 and 2 of each pair, which cross each other intermediate their ends, have their opposed faces recessed at 6, the point of crossing, to bring the upper and lower faces of the bracing-bars in the same horizontal planes and have them flush. The inner

ends of one pair cross the inner ends of the other pair, and the inner ends of both pairs are recessed at the points of crossing and are secured to longitudinally-disposed slotted plates 7 by bolts 8, arranged in slots 9 and provided with clamping-nuts adapted to secure the inner ends of the bracing-bars in their adjustment. The slotted plates 7 extend longitudinally from the inner faces of the side rails of the bedstead and permit the bracing-bars to draw the side rails and the head-boards inward, thereby truly bracing the bedstead instead of straining and forcing the parts outward. This construction also adapts the bracing-bars to bedsteads of different sizes. The outer ends of the bracing-bars are pivoted to blocks 11, which are secured to the head and foot boards.

The bracing-bars form a complete bed-bottom and are adapted to support a mattress and dispense with slats. They are readily adjustable to suit bedsteads of different sizes, they brace a bedstead or draw the parts together and prevent the same becoming loose at the joints or separating, and they may be advantageously employed to brace a bedstead which is weak and loose at the joints—that is, draw the parts together.

What I claim is—

The combination, with the rectangular bed-frame comprising the foot and head board and the opposite side rails provided with the usual ledges and connecting the foot and head board, of blocks 11, secured to the head and foot boards in line with the adjacent portions of the side rails, an elongated slotted plate secured to the inner central portion of each of the side rails and resting on the ledges of the same and disposed longitudinally, two pairs of diagonally-disposed bracing-bars crossing each other in such manner as to bring one pair above the other and having their inner ends adjustably attached to the elongated slotted plates and their outer ends secured to the blocks 11 of the head and foot board, and bolts for adjustably securing said ends to the said parts, said pairs of braces having their opposed faces recessed at the point of crossing to bring the upper and lower faces in the same horizontal planes to provide

a flush upper surface, said recesses in the opposed faces of the braces being longer than the width of said braces to permit a sliding adjustment without detaching or disconnecting the parts, the said outer ends of each pair of braces being pivotally attached to the head and foot boards, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

WILLIAM H. SCOTT.

Witnesses:

WM. C. DOUGHERTY,

W. G. KARPE.