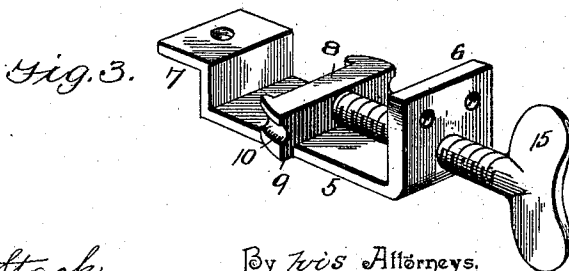
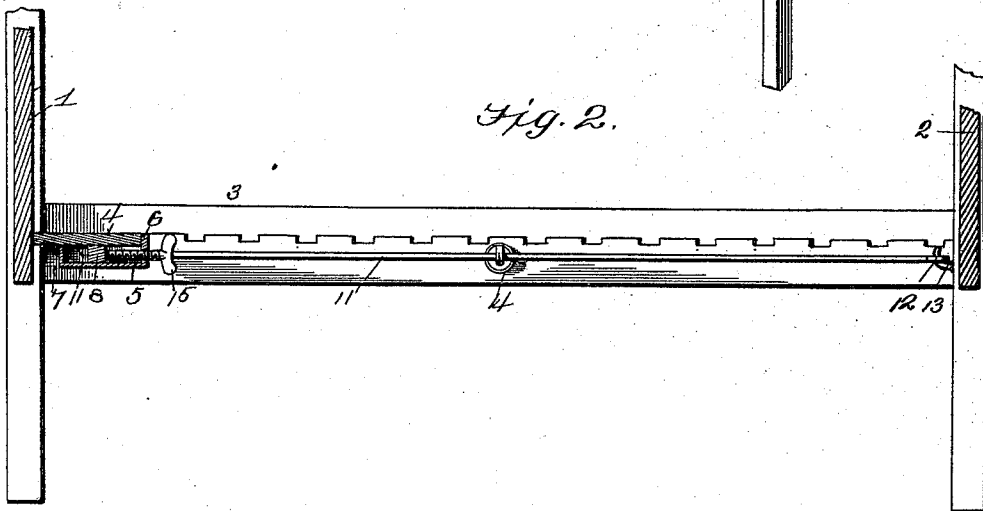
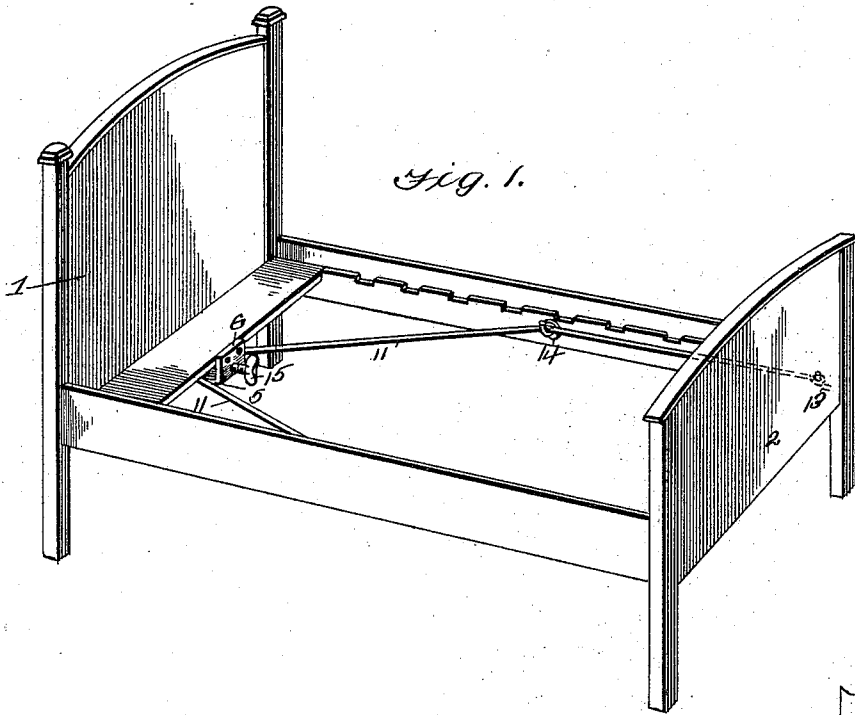


(No Model.)

G. W. GREEN.
BED BRACE.

No. 535,756.

Patented Mar. 12, 1895.



Inventor

Witnesses

Joseph Stack.
J. H. Riley

By *his* Attorneys.

George W. Green.

C. A. Snow & Co.

UNITED STATES PATENT OFFICE.

GEORGE W. GREEN, OF KINGSVILLE, CANADA, ASSIGNOR OF ONE-HALF TO
JAMES N. MENDENHALL, OF LEXINGTON, NORTH CAROLINA.

BED-BRACE.

SPECIFICATION forming part of Letters Patent No. 535,756, dated March 12, 1895.

Application filed January 9, 1895. Serial No. 534,324. (No model.)

To all whom it may concern:

Be it known that I, GEORGE W. GREEN, a subject of the Queen of Great Britain, residing at Kingsville, in the county of Essex and Province of Ontario, Canada, have invented a new and useful Bed-Brace, of which the following is a specification.

The invention relates to improvements in bed braces.

The object of the present invention is to improve the construction of bed braces, and to provide an exceedingly simple and inexpensive one, which may be readily applied to any ordinary construction of bedstead, and which will be capable of effectually drawing the parts of a bedstead together, and of maintaining them at the desired degree of tightness, and which will also permit the parts of the bedstead to be readily disconnected when desired.

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 claims hereto appended.

In the drawings: Figure 1 is a perspective view of a bedstead constructed in accordance with this invention. Fig. 2 is a longitudinal sectional view of the same. Fig. 3 is a detail perspective view of the adjusting device.

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

1 and 2 designate head and foot boards of a bedstead connected by side rails 3, in the usual manner, and the head board is provided, on its inner face adjacent to the upper ends of the side rails, with a transverse bar or slat 4. The transverse bar or slat is disposed horizontally, and is secured to the head-board in any suitable manner, and its ends are supported upon the side rails, in a manner similar to the ordinary construction of slats.

The transverse bar has centrally secured to it a substantially rectangular guide frame 5, consisting of a horizontal lower portion, located below the transverse bar, a vertical flange 6 secured to the inner edge of the bar 4 and an L-shaped flange 7 fastened to the lower face of the transverse bar, and arranged adjacent to the head board. In the interven-

ing space between the bottom portion of the rectangular frame and the lower face of the transverse bar, is located an adjustable block 8 provided with depending lugs 9, and having a central wire receiving groove 10 in its front and side faces. The lugs 9 embrace the bottom portion of the frame and prevent any lateral movement of the block, and the groove 10 receives a bracing wire 11, which is continuous, and extends from the head board at opposite sides of the bedstead to the foot board with which its terminals are connected. The terminals 12 of the bracing wire are provided with eyes, which detachably engage hooks 13 of the foot board, and the sides of the bracing wire are connected with the side rails by hooks 14, located centrally on them.

The vertical flange or end portion of the rectangular frame is provided with a threaded perforation, in which is arranged an adjusting screw 15, having a head at one end, and engaging the adjustable block at its other, and adapted to force the said block in the direction of the head board, to maintain the bracing wire at any desired tension, whereby the parts of the bedstead are tightly connected.

The arrangement of the side hooks or guides 14, causes the bracing wire to have a straight draft on the foot board, and when it is desired to separate the parts of the bedstead, for any reason whatever, the screw is rotated to slacken the wire, and the latter is disengaged from the hooks 13 and 14, and may be drawn out from the guide frame.

It will be seen that the bed brace is exceedingly simple and inexpensive in construction, that it is adapted to be readily applied to any ordinary construction of bedstead, and that it is capable of drawing the parts of the same closely together, and of holding them in such condition. It will also be apparent that it is adapted to permit the parts of the bedstead to be readily disconnected when desired.

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

What I claim is—

1. The combination with a bedstead, of a guide frame connected with the bedstead at

one end thereof, an adjustable block mounted in the guide frame, a continuous bracing wire arranged on the adjustable block and extending to and connected with the other end of the bedstead, said bracing wire having its sides connected with the side rails of the bedstead at points intermediate of the ends of the same, and a screw mounted on the guide frame and engaging the adjustable block, substantially as described.

2. The combination with a bedstead, of a transverse bar secured to one end thereof, a substantially rectangular guide frame centrally secured to the transverse bar and located beneath the same and provided at one end with a threaded opening, a block slidingly mounted in the guide frame and provided

with depending lugs embracing the same, a continuous bracing wire centrally engaged by the sliding block and extending therefrom to the other end of the bedstead and connected therewith, said bracing wire having its sides detachably connected with the side rails of the bedstead at intermediate points, and an adjusting screw arranged in said threaded openings and engaging said block, substantially as and for the purpose described.

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

GEORGE W. GREEN.

Witnesses:

M. C. MARTIN,
A. T. GRANT, Jr.