

No. 701,923.

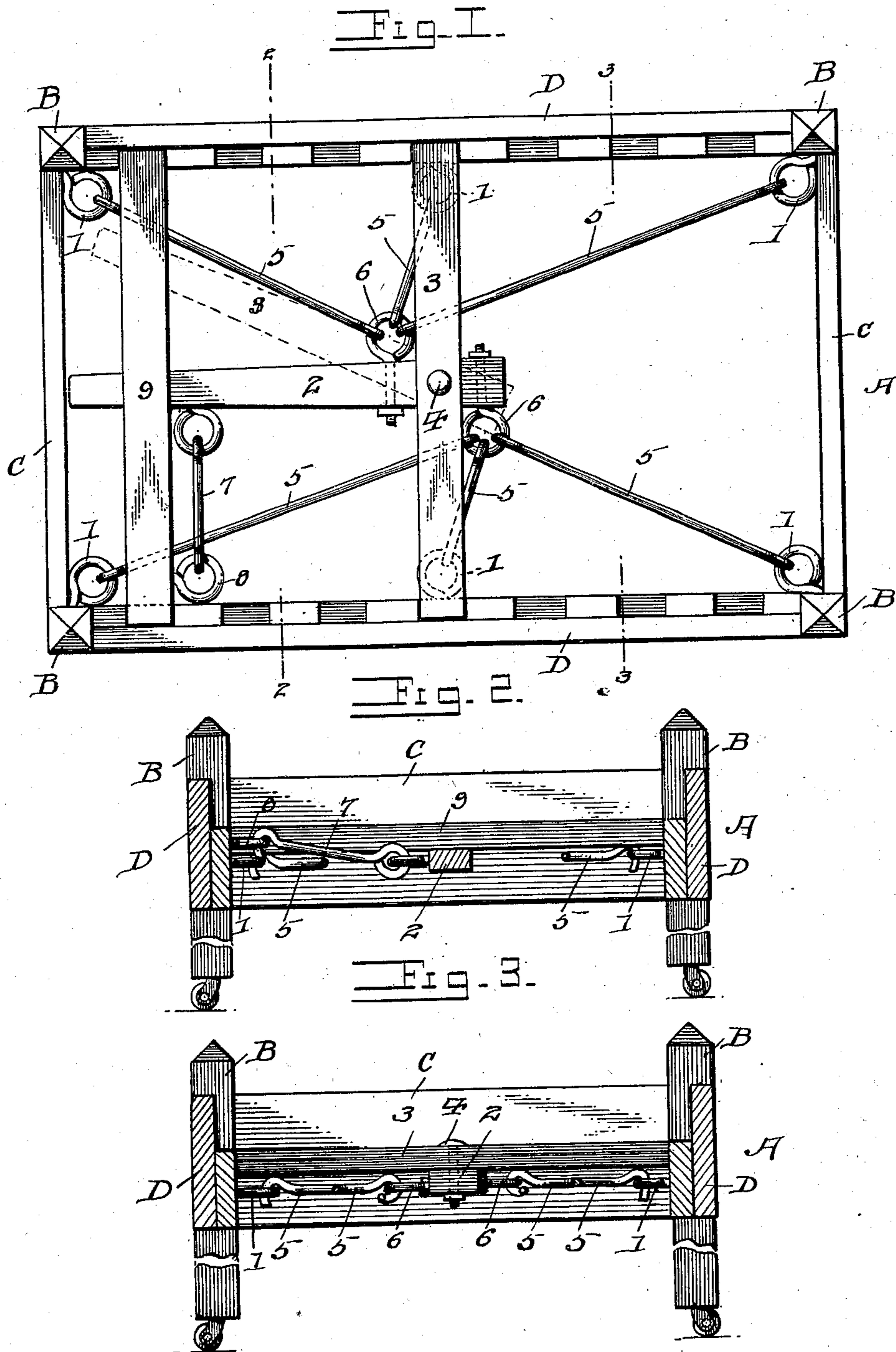
Patented June 10, 1902.

W. D. NEWMAN.

BED BRACE.

(Application filed Aug. 1, 1900.)

(No Model.)



Witnesses
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UNITED STATES PATENT OFFICE.

WILLIAM DAVID NEWMAN, OF PATOKA, ILLINOIS.

BED-BRACE.

SPECIFICATION forming part of Letters Patent No. 701,923, dated June 10, 1902.

Application filed August 1, 1900. Serial No. 25,579. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM DAVID NEWMAN, a citizen of the United States, residing at Patoka, in the county of Marion and State of Illinois, have invented a new and useful Bed-Brace, of which the following is a specification.

My invention is an improved bed-brace; and it consists in the peculiar construction and combination of devices hereinafter fully set forth, and pointed out in the claim.

The object of my invention is to provide a cheap and simple bed-brace which may be readily attached to a bedstead and removed therefrom and which is efficient in firmly bracing the bedstead, both at the corners and at the centers of the side rails.

In the accompanying drawings, Figure 1 is a top plan view of my improved bed-brace combined with a bedstead. Fig. 2 is a vertical transverse sectional view taken on the line 2 2 of Fig. 1. Fig. 3 is a similar view of same taken on the line 3 3 of Fig. 1.

The bedstead A is of the usual construction, B being the corner-posts, C the head and foot rails, and D the side rails. The usual slats are employed in connection with the bedstead. To the inner side of the corner-posts and of the side rails D, at the center of the latter, are secured suitable keepers 1. The same may be eyebolts, as here shown, or of any other suitable form.

A brace-lever 2 is fulcrumed under the center of the central slat 3 by a bolt 4 or other suitable device. The said brace-lever is of suitable length and thickness, and the short end thereof projects a suitable distance beyond the bolt 4. Two series of diagonal and transverse brace-rods 5 are connected to the brace-lever at points on opposite sides of the fulcrum-bolt thereof, either by eyebolt 6, as here shown, or by other suitable devices. As here shown, there are three of the brace-rods 5 in each series. Two of the said brace-rods are of a suitable length to extend to the corners of the bedstead, and the other brace-rod is of suitable length to extend to the side rail thereof. Said brace-rods have hooks at their outer ends, adapted to engage the eyebolts or keepers 1. A hook 7 is attached to the brace-lever 2, near the free end thereof, and is adapted to engage a keeper or eyebolt 8, with which a slat 9 near one end of the bedstead is provided.

The operation of my invention is as follows: 55 Initially the brace-lever is in the position shown in dotted lines in Fig. 1. The brace-rods 5 are hooked to the keepers at the corners and centers of the side rails of the bedstead, and the brace-lever being turned to the position 60 indicated in full lines in Fig. 1 the said brace-rods are drawn inward thereby, hence effectually bracing the bedstead. The said brace-lever is secured in this position by engaging the hook 7 with the eyebolt or keeper 8 of the 65 slat 9.

It will be understood from the foregoing that my improved bed-brace may be very readily attached to a bedstead and may be almost instantly removed therefrom, may be 70 readily operated in such manner as to effectually brace the bedstead, and is exceedingly inexpensive and durable.

Having thus described my invention, I claim— 75

The combination of a bedstead having a centrally-arranged slat, the lever 2 permanently pivoted to the central slat and located wholly beneath the same and projecting beyond each side of the slat, the transversely- 80 disposed eyebolts passing through the lever at opposite sides of the central slat and having their eyes located at the opposite edges of the lever, the diagonal and transverse brace-rods 5, located wholly beneath the slats 85 and provided at their ends with eyes, the inner eyes being linked into the eyes of the lever, permanently connected with the latter, the eyes 1 located at opposite sides of the bedstead at the center and at the ends of the same 90 and receiving the outer eyes of the braces and permanently securing the same to the bedstead, and the locking device also located wholly beneath the slats and consisting of the rod 7 hinged at its inner end to the lever 95 and provided at its outer end with a hook, and an eye mounted on the bedstead at one side thereof and arranged to be engaged by the hook, substantially as described.

In testimony that I claim the foregoing as 100 my own I have hereto affixed my signature in the presence of two witnesses.

WILLIAM DAVID NEWMAN.

Witnesses:

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