

(No Model.)

C. A. HUNT, Jr.
BED BRACE.

No. 505,527.

Patented Sept. 26, 1893.

Fig. 1.

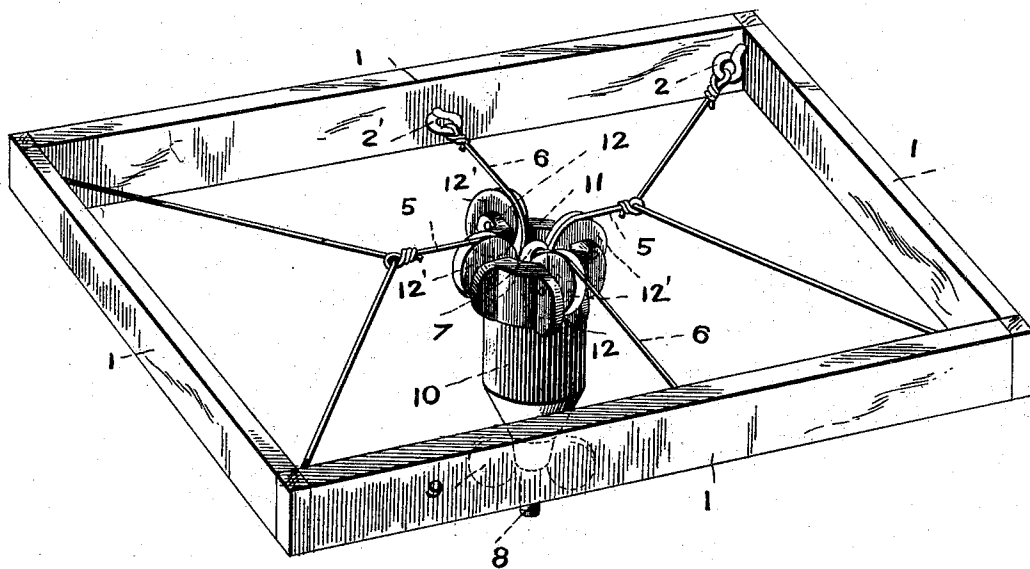
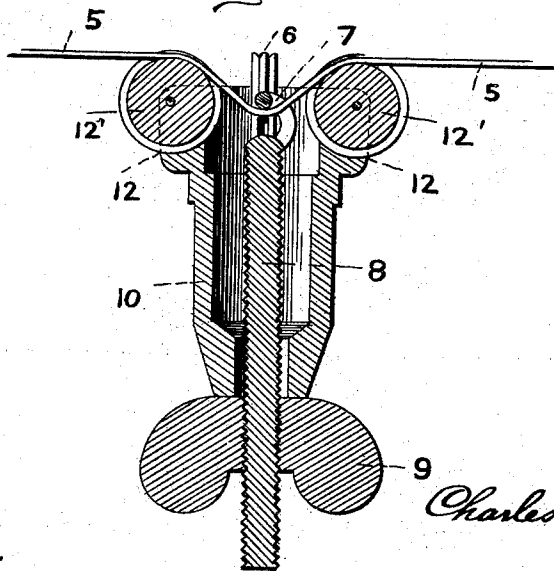


Fig. 2.



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UNITED STATES PATENT OFFICE.

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BED-BRACE.

SPECIFICATION forming part of Letters Patent No. 505,527, dated September 26, 1893.

Application filed July 5, 1893. Serial No. 479,624. (No model.)

To all whom it may concern:

Be it known that I, CHARLES A. HUNT, Jr., a citizen of the United States, residing at Lexington, in the county of Davidson and State of North Carolina, have invented certain new and useful Improvements in Bed-Braces; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the figures of reference marked thereon, which form a part of this specification.

My invention relates to improvements in bed braces, and the object of my invention is the provision of a brace which can be easily and quickly applied; which will occupy a small amount of space and be of attractive appearance; which can be readily adjusted to fasten or brace the parts of the bed; and which will be simple, durable, and inexpensive, thus possessing the features of merit to render the improvement practical and useful.

The invention consists of a bed brace embodying novel features of construction and combination of parts substantially as disclosed herein.

Figure 1 represents a perspective view of the rails of a bed with my brace applied thereto, and Fig. 2 represents a vertical longitudinal sectional view thereof.

Referring by numerals to the drawings—the numeral 1 designates the frame or rails of a bed which are of any desired construction and in connection with which my brace is employed to secure said rails rigidly together. To the corners of the frame are secured the eyes 2 and to the sides at or near the center thereof are secured the eyes 2'. From the corner eyes extend the fastening wire loops 4 to the inner portion or apices of

which are connected the ends of the longitudinal tightening wire 5 and the transverse tightening wire 6 extends from the side eyes 3. From this construction it will be seen that the rails of the frame are connected by the wire and the transverse and longitudinal wires pass through the eye 7 of the tension bolt 8 having on the threaded portion the thumb nut 9, which rests against the lower edge of the thimble 10 having the flange 11 at the upper end, formed with the kerfs 12 in which are mounted the grooved rollers 12' over which pass the wires 5 and 6 before entering the eye of the tension or adjusting bolt 8. The flange of the thimble is preferably notched on the exterior to allow the journals or studs for the rollers to be more easily applied and the eye of the bolt is formed with the notches to receive the circumferential edges of the rollers and permit easy movement of said rollers.

The operation of my invention will be readily understood and it is evident that the turning of the thumb nut adjusts the tension bolt and keeps the brace wires always taut and securely braces the bed and the improvement is simple, durable, inexpensive and entirely practical.

I claim as my invention—

In a bed brace or fastener, the combination of the braces, the bolt having one end connected thereto, the thimble for guiding said bolt, the rollers carried by the thimble and receiving the braces, and the adjusting nut engaging the bolt.

In testimony whereof I affix my signature in presence of two witnesses.

CHARLES A. HUNT, JR.

Witnesses:

A. C. HARRIS,
W. J. BYERLY.