

(No Model.)

H. C. HEITMAN.  
BED BRACE.

No. 535,757.

Patented Mar. 12, 1895.

Fig. 1.

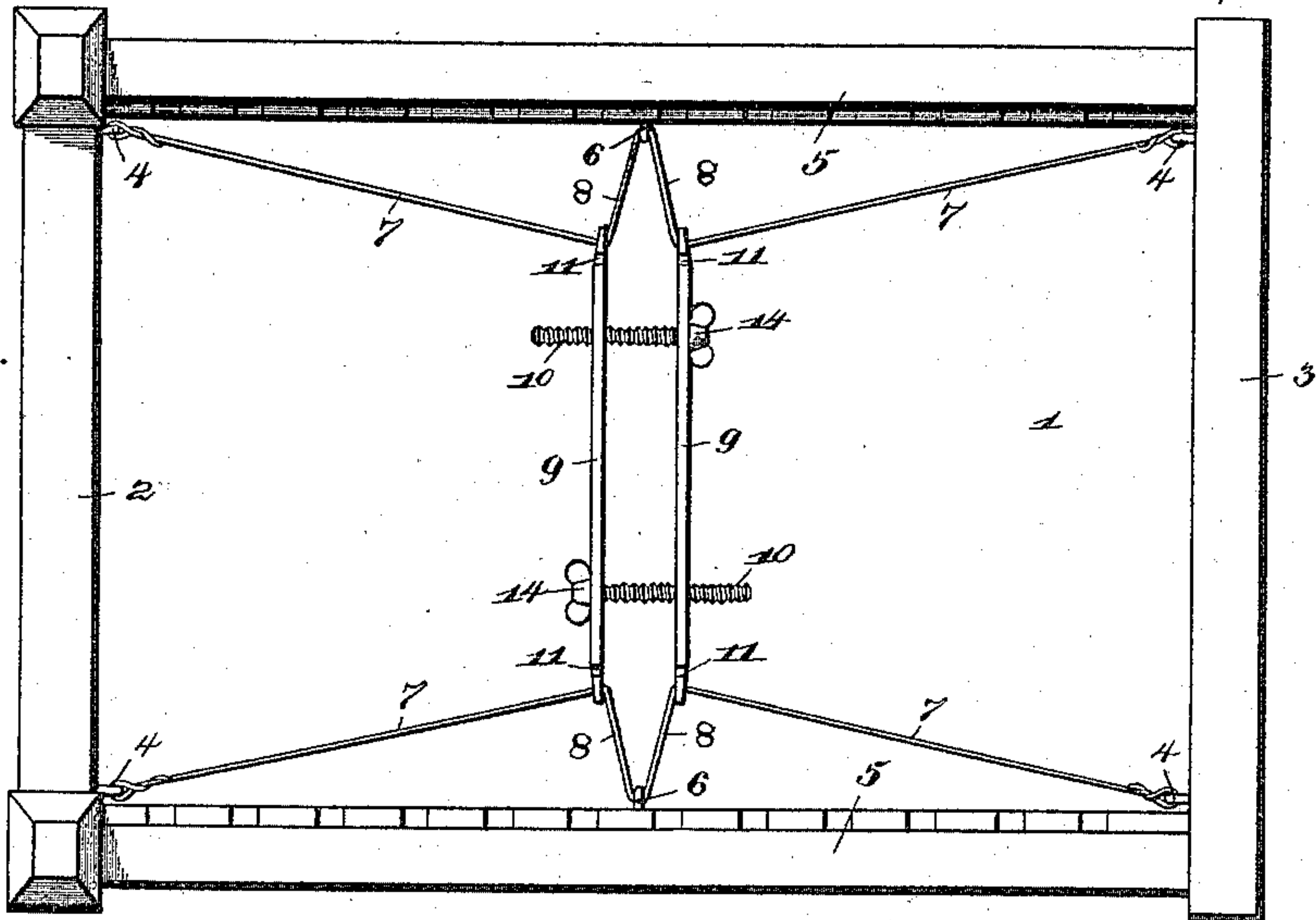


Fig. 2.

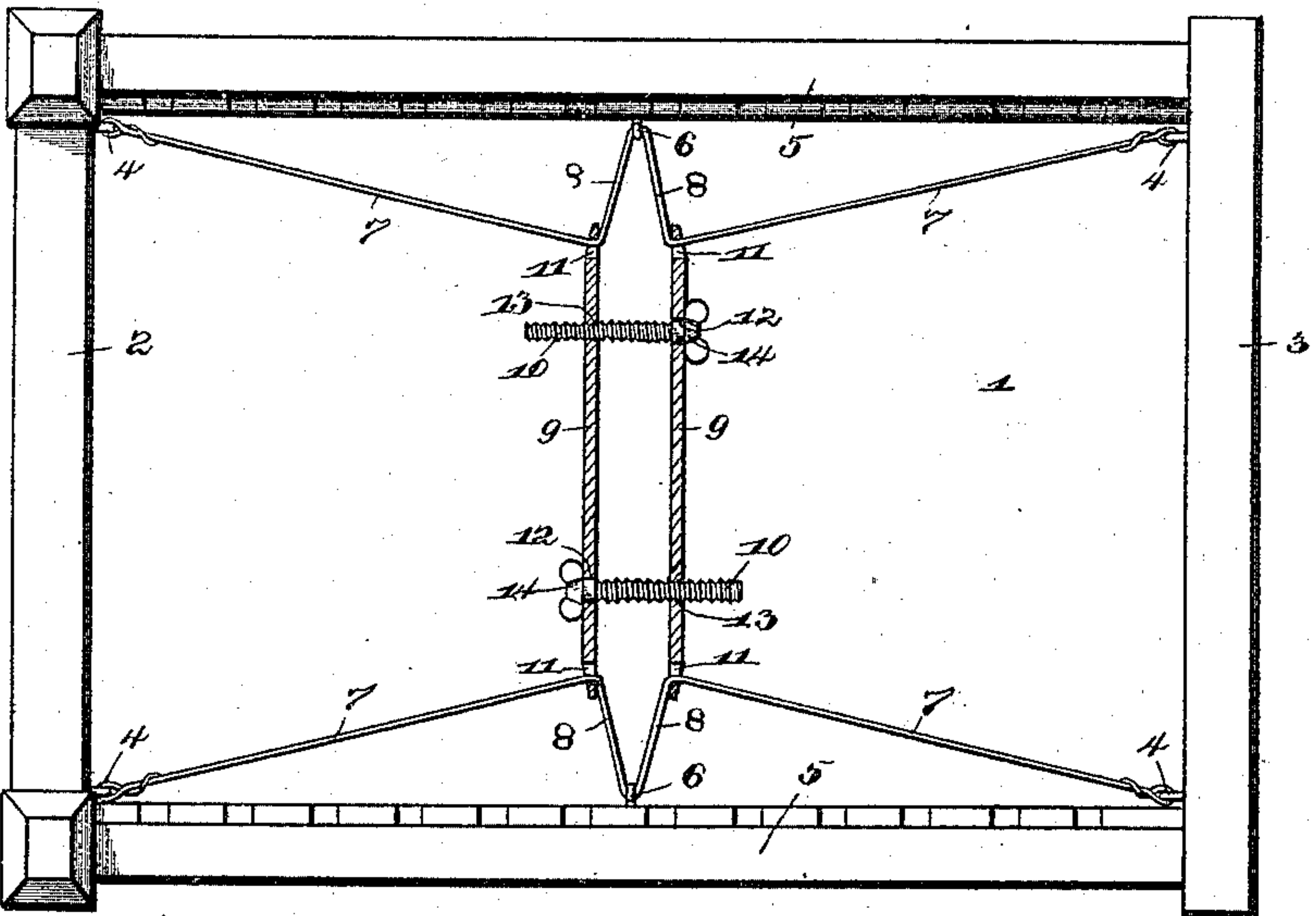
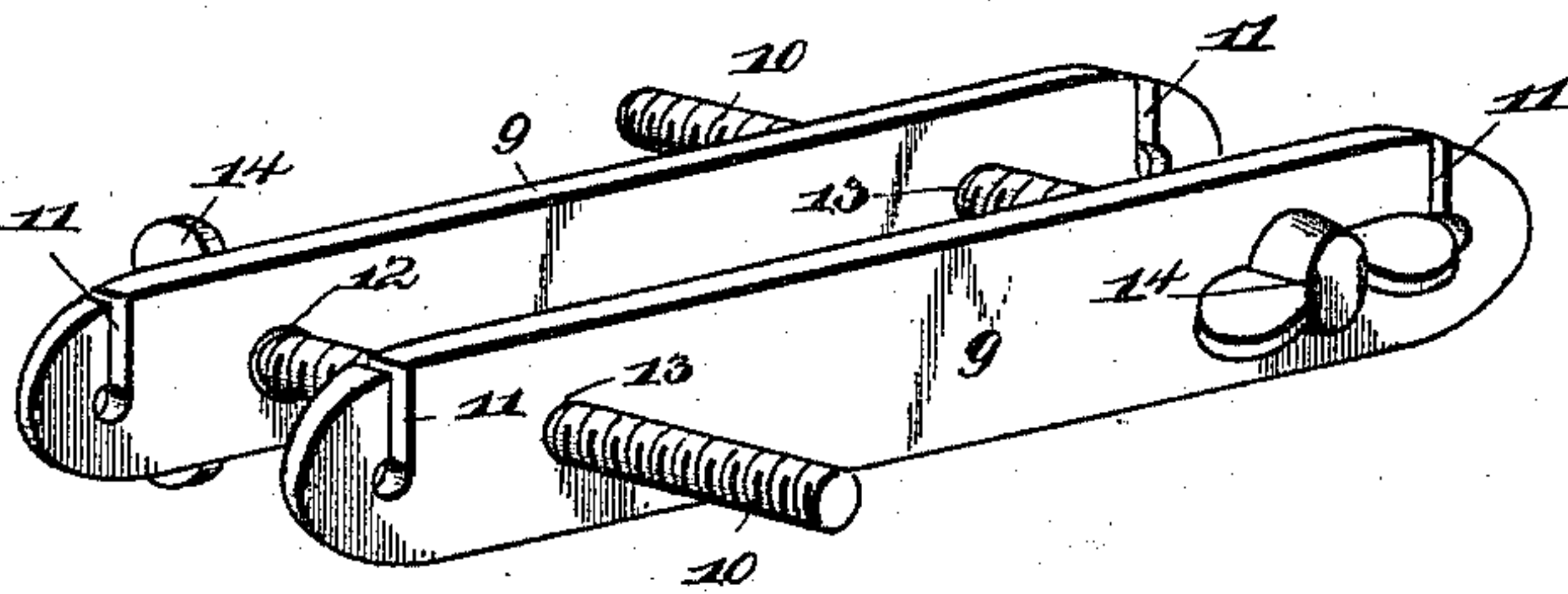


Fig. 3.



Inventor

Witnesses

*Wm. Doyle*  
*J. F. Riley*

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By *his* Attorneys.

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# UNITED STATES PATENT OFFICE.

HENRY CAMERON HEITMAN, OF LEXINGTON, NORTH CAROLINA.

## BED-BRACE.

SPECIFICATION forming part of Letters Patent No. 535,757, dated March 12, 1895.

Application filed September 12, 1894. Serial No. 522,834. (No model.)

*To all whom it may concern:*

Be it known that I, HENRY CAMERON HEITMAN, a citizen of the United States, residing at Lexington, in the county of Davidson and State of North Carolina, have invented a new and useful Bed-Brace, of which the following is a specification.

The invention relates to improvements in bed braces.

10 The object of the present invention is to improve the construction of bed braces, and to provide a simple and efficient one which will permit the sides of a bedstead to be tightened to the desired tension independently of each other, and which may be readily applied to  
15 any ordinary construction of bedsteads.

A further object of the invention is to dispense with cross-wires and to enable the parts to be readily separated when desired.

20 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.

25 In the drawings: Figure 1 is a plan view of a bedstead provided with a brace constructed in accordance with this invention. Fig. 2 is a similar view, partly in section. Fig. 3 is a detail perspective view of the adjusting device.  
30 vice.

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

1 designates a bedstead, provided at opposite sides of its head-board 2 and foot-board 3, with end eyes 4, or similar fastening devices, and having arranged centrally on the side rails 5 similar eyes or hook 6. The head and foot boards are connected with the side rails by longitudinally-disposed similarly-arranged continuous side-wires 7, which have their terminals secured to the end fastening devices, and which are provided, intermediate of their ends, with transversely-disposed bends 8, which are detachably engaged with the fastening devices 6. The bends 8 are disposed laterally and are formed by transversely-disposed parallel bars 9, which are connected by oppositely-disposed adjusting-screws 10. The parallel transversely-disposed bars are similar in construction. They are provided at their terminals with open eyes or hooks 11, formed by perforations and slots and receiving and engaging the side wires at opposite sides of the central fastening devices. Each  
55 transverse bar is provided at its ends with

perforations 12 and 13, one of the perforations being threaded to be engaged by the adjusting screw, and the other being smooth and located adjacent to the head or thumb piece 14 of the screw, whereby, by rotating the screw, 60 the transversely-disposed bars may be drawn together or allowed to separate. This arrangement of screws permits the side wires to be tightened independently of each other, and it will be readily apparent that the parts of 65 the bedstead may be securely held together and may be readily maintained at the desired tension. It will also be seen that the side wires may be readily unhooked from the central fastening devices 6, and the open eyes or 70 hooks at the ends of the transverse bars, to permit the parts of the bedstead to be separated when desired.

Changes in the form, proportion, and the minor details of construction may be resorted 75 to without departing from the principle or sacrificing any of the advantages of this invention.

What I claim is—

The combination with a bedstead provided 80 at opposite sides on its head and foot boards with end fastening devices and having on its side rails central fastening devices, the similar continuous connecting side wires extending from one end of the bedstead to the other 85 and having their terminals secured to the end fastening devices and detachably engaged intermediate of their ends with the central fastening devices, the parallel transversely-disposed bars extending to within a short distance of the side rails and provided at their ends with open eyes or hooks and detachably receiving the side wires at opposite sides of the central fastening devices and forming laterally-disposed triangular bends, said transverse bars being provided adjacent to their ends with perforations, one of the perforations of each bar being threaded, and the reversely-arranged independently operated adjusting screws engaging the threaded perforations of 100 the bars, and having heads engaging the bars adjacent to the smooth perforations, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in 105 the presence of two witnesses.

HENRY CAMERON HEITMAN.

Witnesses:

J. W. EARNHARDT,

H. L. FREEMAN.