

No. 843,403.

PATENTED FEB. 5, 1907.

W. W. LOCKETT.
BED BRACE.

APPLICATION FILED SEPT. 20, 1906.

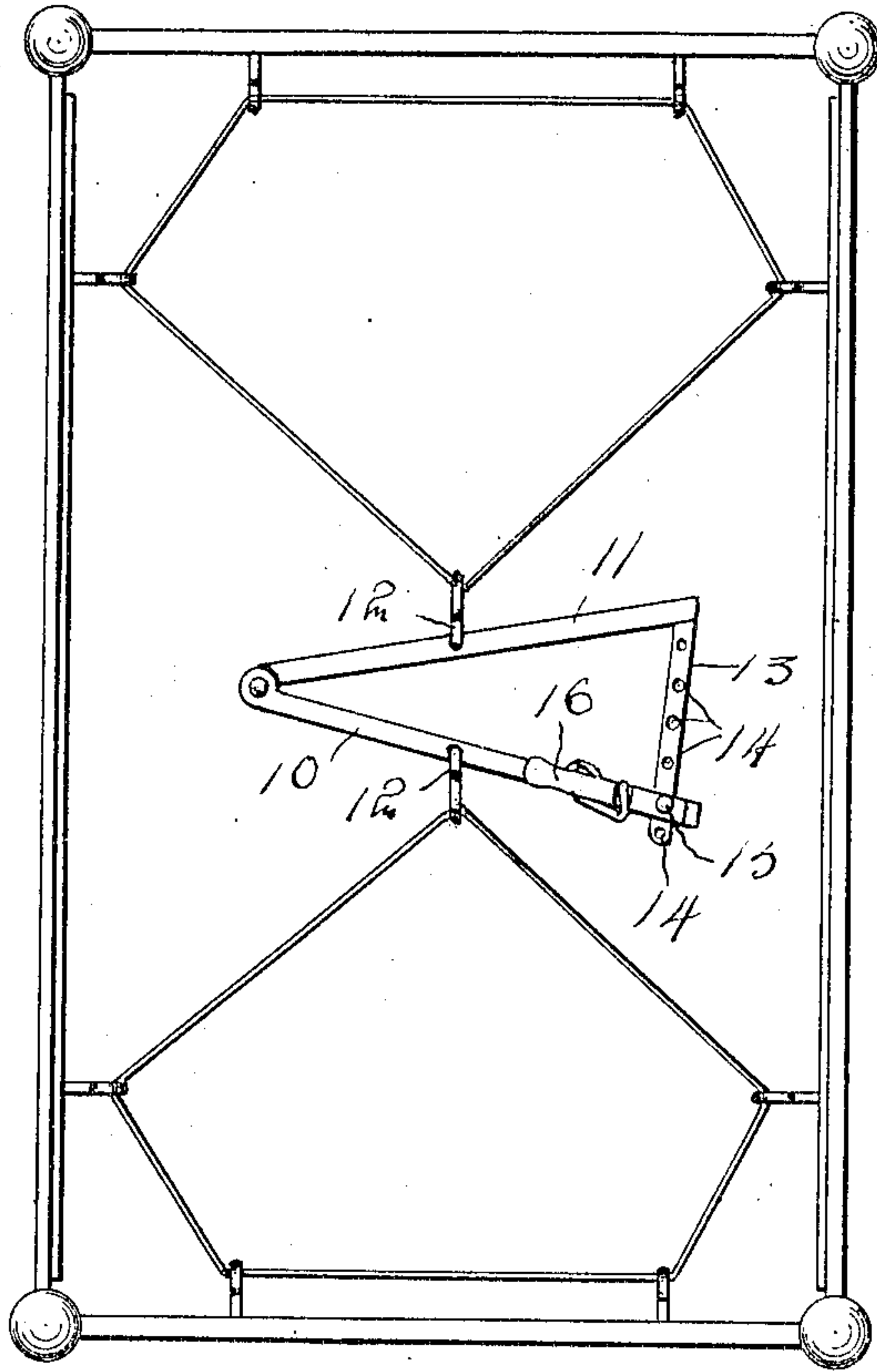


Fig. I.

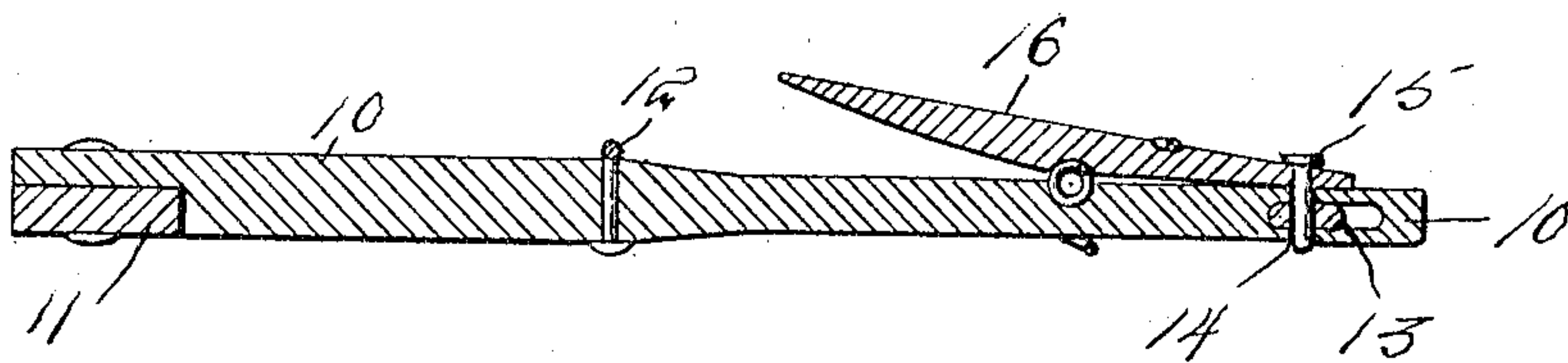


Fig. 2.

Witnesses
J. C. Simpson
J. B. MacNab.

Inventor
W. W. Lockett

By *Charles Chandler*

Attorneys

UNITED STATES PATENT OFFICE.

WYATT W. LOCKETT, OF CASON, TEXAS.

BED-BRACE.

No. 843,403.

Specification of Letters Patent.

Patented Feb. 5, 1907.

Application filed September 20, 1906. Serial No. 335,475.

To all whom it may concern:

Be it known that I, WYATT W. LOCKETT, a citizen of the United States, residing at Cason, in the county of Morris, State of Texas, have invented certain new and useful Improvements in Bed-Braces; and I do hereby 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.

This invention has relation to "bed-braces," so called, which are devices that are adapted to engage the pairs of wires passed through screw-eyes at the head and foot and sides of the bed-frame to form a part of the bottom upon which the mattress is laid and after engagement with the said wires to be operated to tighten or stretch the same.

As heretofore constructed it has been inconvenient for one person, particularly if that one person should happen to be a woman, as is commonly the case, to get in between the sides of the bed-frame, slats, and wires and operate the braces so as to properly adjust them. Besides, the brace itself has been more or less imperfect in its operation.

It is the object of my invention to provide such improvements as will make the adjustment of the braces easy and without annoyance and to have them keep position with the utmost security and certainty when adjusted and, furthermore, to have the brace operate effectively in all respects.

The invention will first be described in connection with the annexed drawings, forming a part of this specification, and then be pointed out with distinctness and particularity in the subjoined claim.

Of the drawings, Figure 1 is a plan view of my improved bed-brace. Fig. 2 is a sectional view showing the manner of operating the pin-actuating lever and its pin to effect adjustments.

It is well known, as above indicated, that the foundation of some bed-bottoms upon which the mattress rests is comprised of two sets of wires, one at the head and the other at the foot, each of which sets engage screw-eyes at the head and sides of the frame or at the foot and sides, and the two sets thus set

up are engaged at the center and drawn together or toward each other by a brace and tightened, so that with them and ordinary slats, two, three, or four in number, a foundation for the mattress may be formed. To accomplish this, however, it is necessary not only to have an efficient brace, but one that can be used by a woman, which is the usual want or exigency in the matter.

In my improvements I employ two bars and 11, pivoted together at one end and having hooks or catches 12 pivotally connected therewith, one on each arm, located a suitable distance inward from the pivotal point of the arms, and to the otherwise free end of one bar 10 I secure one end of a transverse bar 13, provided at intervals along its length with holes 14, through which a pin 15, carried on the outer end of a pivotally-spring-pressed rocking lever 16 may pass, having first been passed through a hole in the outer end of the bar 10. The preferred construction is to have a slot formed horizontally through the outer end of the bar 10, so that the bar 13 may pass therethrough and then have the pin pass through the part of the bar 10 above the mortise, then through one of the holes in the transverse bar, and finally through the part of the bar 10 below the mortise. The pin-carrying rocking lever 16 is pivoted by means of a spring on the bar 10, and said spring operates to press the forward end of the lever down with all of the force necessary to keep the pin 15 in engagement with its parts. This construction and arrangement of parts is easily controlled and operated by one woman, and the hooks 12, which engage the wires, are easily drawn together to the necessary extent and locked by the pin 15, as stated. This cannot be so easily done where a wire loop connected with one bar is made to engage notches on the other, in which case it is necessary to get between the bars and shove the loop along while holding the other bar. The hooks 12 being pivoted in the side arms will adjust themselves readily to the direction of draft of the wires engaged by them, which equalizes the draft on the wires and makes the operation easy.

What I claim as my invention is—

The combination, with the bed-frame and two sets of wires one connected with the head

portion and the other with the foot portion of the frame, of a brace comprising two bars pivoted together at one end and each provided with a pivoted wire-engaging hook, 5 whereby the hooks may adjust themselves readily to the direction of draft of the said wires, and a transverse bar permanently connected at one end to one of the first-men- tioned bars, and adjustably connected with the free end of the other bar. 10

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

WYATT W. LOCKETT.

Witnesses:

J. T. BARNARD,

J. R. LOCKETT.