

J. N. RABEDEV & E. A. VERNAL.
 WIRE BED BOTTOM AND FRAME.
 APPLICATION FILED FEB. 14, 1908.

899,681.

Patented Sept. 29, 1908.
 2 SHEETS—SHEET 1.

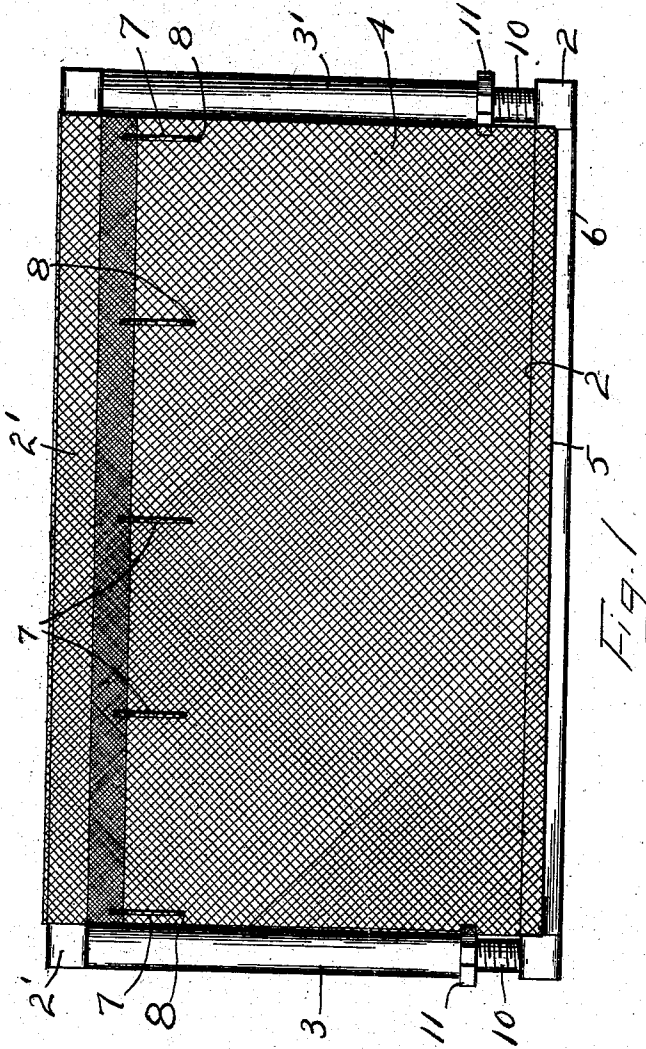


Fig. 1

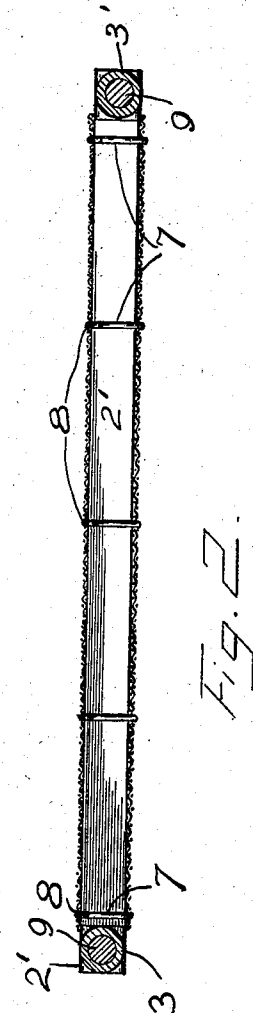


Fig. 2

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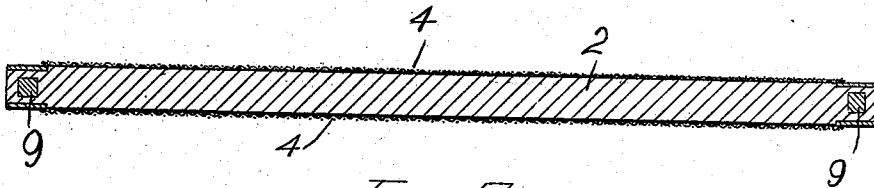


Fig. 3.

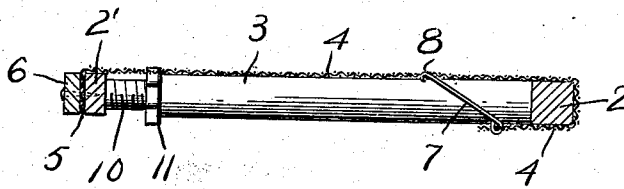


Fig. 4.

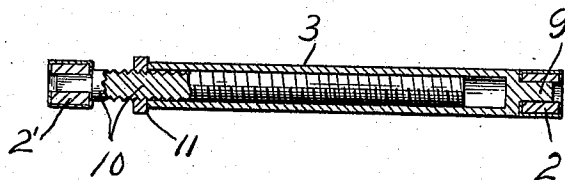


Fig. 5.

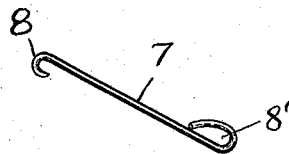


Fig. 6.

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UNITED STATES PATENT OFFICE.

JOSHUA N. RABEDREW AND ELMER A. VERNAL, OF MINTURN, COLORADO.

WIRE BED-BOTTOM AND FRAME.

No. 899,681.

Specification of Letters Patent.

Patented Sept. 29, 1908.

Application filed February 14, 1908. Serial No. 415,927.

To all whom it may concern:

Be it known that we, JOSHUA N. RABEDREW and ELMER A. VERNAL, citizens of the United States, residing at Minturn, in the county of Eagle, State of Colorado, have invented certain new and useful Improvements in Wire Bed-Bottoms and Frames; and we 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 woven bed-bottoms, that are capable of being stretched.

It is the object of the invention to provide particular means for adjusting the bed-bottom laterally between the side rails, all as is clearly illustrated in the annexed drawings forming a part of this specification, in order that the bed bottom may be used interchangeably upon bedsteads of different widths, and in order to tighten the bottom should it become slack.

Of the said drawings:—Figure 1 is a plan of our improved adjustable bed-bottom. Fig. 2 is a longitudinal side elevation of a side-rail and sectional view of the ends of the end rails to which it is attached. Fig. 3 is a longitudinal sectional view of a side-rail, including a section of the end rails with which it is connected. Fig. 4 is a transverse section. Fig. 5 is a longitudinal section of an end rail and the ends of the side-rails with which it is connected. Fig. 6 is a perspective view of one of the adjusting hooks, detached.

Similar characters of reference designate corresponding parts or features, as the case may be.

In the drawings 2, 2' are the side rails, and 3, 3' the end rails of a mattress 4, composed of woven-wire, though it would not be a departure from the invention, if the mattress were elastic and otherwise constructed, and the balance of our improvements were adapted to be used in connection therewith, without substantial change.

The rail 2 is square, and of one piece, as shown in Fig. 4, while the side rail 2' is but half the width of the side rail 2, but has secured thereto the slat 6. The ends of this rail 2' are, however, as wide as the rail 2, as shown in Fig. 6.

The two-part side rail is adapted to have the margin 5 of the mattress connected therewith by merely inserting the said margin between the rail 2' and a slat 6 nailed on the

side rail against the said margin of the mattress. The mattress 4, thus fastened at one edge, has the other edge carried around the rail 2 and the hooks 7 connected with the latter edge thereof, and have the hooked ends 8 caught in the body of the wire, after it has been stretched around the rail 2 to hold said wire in evenly distended condition.

In order to further stretch the mattress, after it has been secured in position as before described, we provide special means for extending the end rails, which coöperate with the first-mentioned means, as we will now proceed to explain.

Each side rail at each end has a square mortise, as shown in Fig. 5. The end rails are similar in construction, each being in the form of a tube, having a square tenon 9, to fit into one of the side rails, as the one marked 2, shown in Fig. 5. Within the open end of each tubular end member 3, 3', is held an adjusting screw 10 having a reduced square tenon, fitting into the mortise of the rail 2'. Threading upon each screw 10, is a nut 11, which by means of the mattress 4, is normally held in engagement with the adjoining end member, as shown in Figs. 1 and 4. In rotating the nuts 11 in one direction, the screws 10 and the connected end rail are advanced, to stretch the mattress, while in rotating the nuts in an opposite direction, the mattress is slackened.

The said hooks 7 are formed from a length of wire with an eye 8' at one end and a hook at the other, in order that they may be permanently engaged with the edge of the mattress at the end provided with an eye, leaving the hook for temporary engagement with the mattress, as desired.

By the foregoing described invention, the wire may be permanently attached at one side of the mattress frame and temporarily secured to the other side while the end rails may be extended to properly stretch the wire after being placed in position for use.

An important feature of our improvement is the position of the hooks at intervals along one edge or margin of the woven wire, as stated, which hooks may be engaged with the body of the wire intermediate of its sides to adjust it to any desired size of bed.

What is claimed is—

An adjustable bed bottom, comprising the combination of the following instrumentalities: two similar tubular end rails each having one closed end provided with a projecting

square tenon, a side rail rectangular in cross-section having at each end a square mortise to receive said tenons, a second side rail having a square mortise in each end, a wire mattress secured along one edge to said last mentioned side rail and looping over said first mentioned rectangular side rail, two screws having square ends to fit into the mortises of said last mentioned rail, said screws being
10 held within said tubular end rails, nuts upon said screws and working against said tubular

ends, and a plurality of hooks secured to the looped end of said mattress and adjustably engaging said mattress intermediate of its sides, all arranged as disclosed. 15

In testimony whereof, we affix our signatures in presence of two witnesses.

JOSHUA N. RABEDEV.
ELMER A. VERNAL.

Witnesses:

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