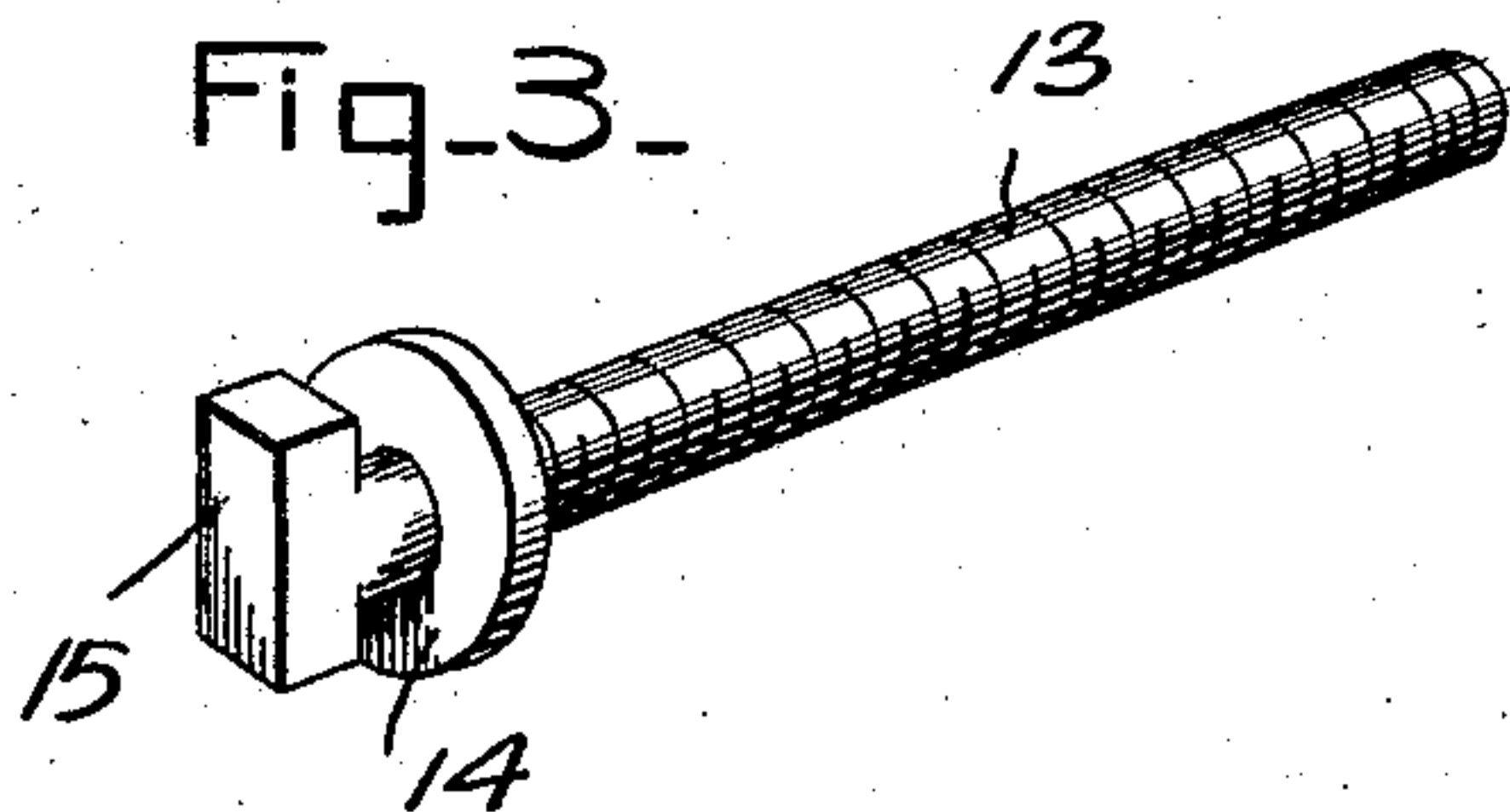
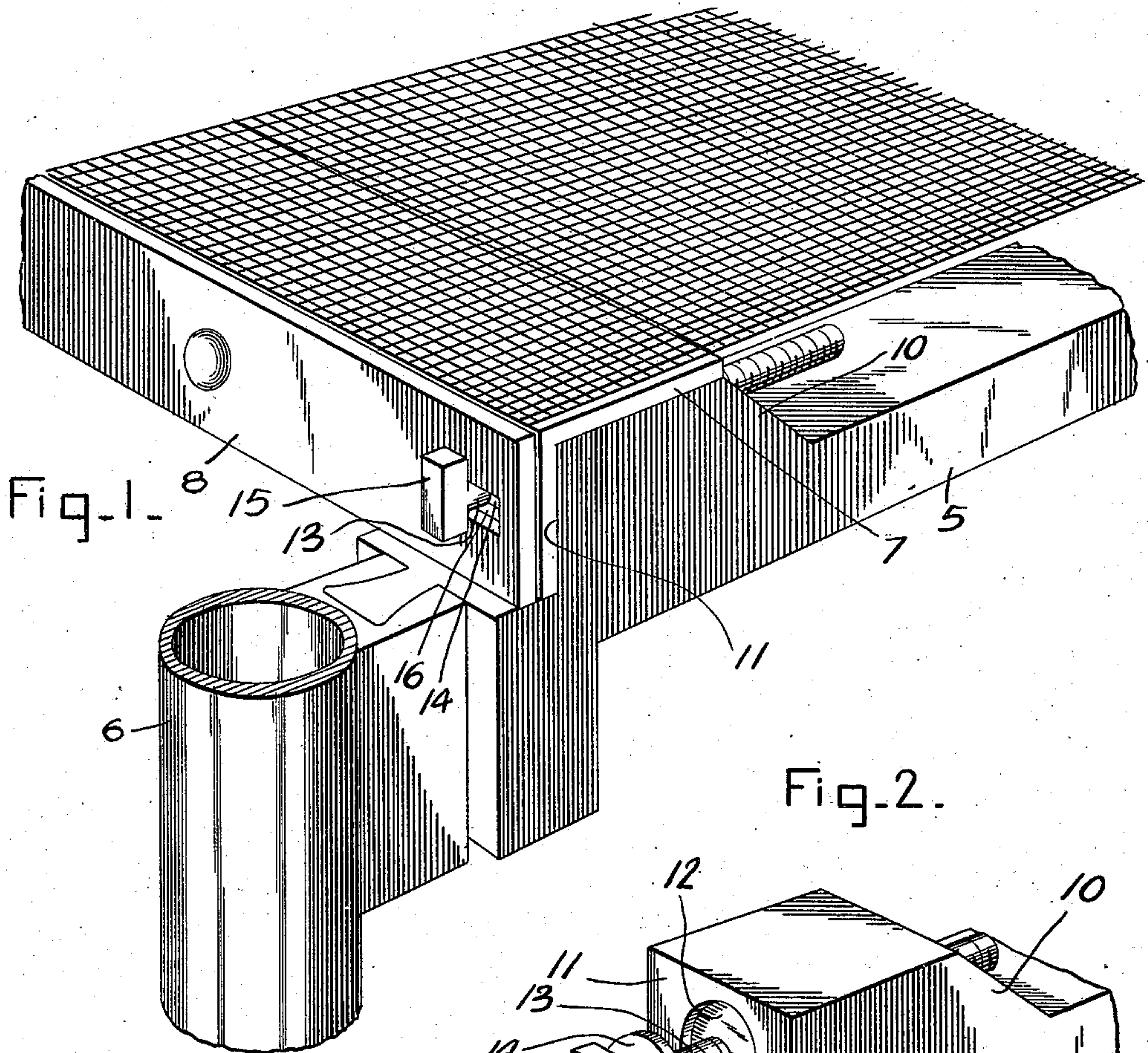


No. 881,701.

PATENTED MAR. 10, 1908.

R. W. MILLER.  
MATTRESS FRAME.

APPLICATION FILED OCT. 8, 1907.



Witnesses  
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# UNITED STATES PATENT OFFICE.

RICHARD W. MILLER, OF PERRY, IOWA.

## MATTRESS-FRAME.

No. 881,701.

Specification of Letters Patent.

Patented March 10, 1908.

Application filed October 8, 1907. Serial No. 396,491.

*To all whom it may concern:*

Be it known that I, RICHARD W. MILLER, a citizen of the United States, residing at Perry, in the county of Dallas, State of Iowa, have invented certain new and useful Improvements in Mattress-Frames; 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.

The present invention has reference to mattress-frames, and it aims, generally, to improve the construction disclosed in my prior patent for such a device granted May 28, 1907, and numbered 854,900.

More especially, however, the invention resides in the provision of members connected with the cleats attached to the opposite ends of the mattress, for tensioning the latter by moving the cleats bodily towards the corresponding bed posts.

The invention further resides in the provision of means carried by the tensioning members for holding the same in position when adjusted to the proper extent, and for preventing any retrograde movement thereof.

The invention will be readily understood from a consideration of the following detailed description, and its preferred embodiment is illustrated in the accompanying drawings in which like parts are designated by corresponding reference numerals in the several views.

Of the said drawings:—Figure 1 is a perspective view of one corner of the mattress frame, with the tensioning device carried thereby. Fig. 2 is an enlarged perspective view of the shoulder showing the seat formed in the end face thereof. Fig. 3 is a perspective view of the bolt.

Referring more particularly to the drawings, 5 designates the tenoned side rail, 6 the mortised bed post, 7 the end rail, and 8 the cleat, the end of the woven-wire mattress 9 being secured between the cleats and end rails which are bolted or otherwise fastened together. The parts above-referred to, however, are identical with the corresponding parts in the patented construction, and further description thereof is accordingly unnecessary.

Each of the side rails is provided with an upstanding shoulder 10, which may be either formed integral with said rails, or may be formed separately and bolted thereto, the

shoulders being in the main, similar to those illustrated in the construction patented. The outer end face 11 of each shoulder has a circular recess or seat 12 formed therein with which the threaded opening for the bolt 13 communicates. This recess is adapted to receive a similarly-shaped collar 14 formed upon the bolt 13 and located a slight distance from the elongated rectangular head 15 thereof. The corresponding cleats and end rails are provided at opposite ends with registering longitudinal slots 16 which are of sufficient size to permit the bolt heads to be passed therethrough.

In assembling the parts of the frame, the fastening bolts are first passed through the shoulder-openings, until the collars formed thereon fit in the recesses 12; the end rails are then attached to the bolt by passing the elongated head portions of the latter through the slots 16, the cleats being likewise connected with the bolts in a similar manner. The mattress ends are then fitted between the cleats and end rails, which are finally bolted or otherwise fastened together.

It will therefore be apparent that the cleats and end rails will have their slotted ends connected with the bolts and fitted in the space between the collar and oblong head portions thereof. Rotation of the bolts in one direction will therefore draw the cleats and end rails as entireties bodily away from the shoulders, thus stretching or tightening the mattress. At the completion of this operation, the bolts are adjusted so as to dispose their oblong heads at right angles to the slots, to prevent any accidental disengagement of the cleats therefrom.

The cleats, end rails, and mattress ends, if preferred, may be fastened together prior to their attachment to the side rails.

The bolt openings extend completely through the shoulders, as in the patented construction, and the bolts are of sufficient length to permit of their requisite end-wise movement during the stretching of the mattress.

What is claimed is:—

The combination, in a mattress frame, of side rails each provided at opposite ends with upstanding shoulders, each shoulder having a threaded opening formed there-through; angle end rails connecting said side rails and fitting over the top and end faces of said shoulders; a cleat disposed against the side face of each end rail, said cleats and

end rails being provided at opposite ends with openings registering with said shoulder openings; a flexible mattress having its opposite ends clamped between said cleats  
5 and end rails; and a series of bolts having their shanks fitted in said shoulder openings, each bolt being provided adjacent its outer end with an integral collar and heads arranged in spaced relation to each other, the  
10 heads of the bolts being adapted to be passed through the openings in the end rails and cleats, to dispose the same between said

heads and collars, whereby the endwise movement of the bolts will move the end rails and cleats bodily as entireties away 15 from the adjacent shoulders, to stretch the mattress.

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

RICHARD W. MILLER.

Witnesses:

JAMES A. MILLER,  
H. A. HOYT.