

F. I. GOULD.
BED FRAME CONSTRUCTION.
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973,349.

Patented Oct. 18, 1910.

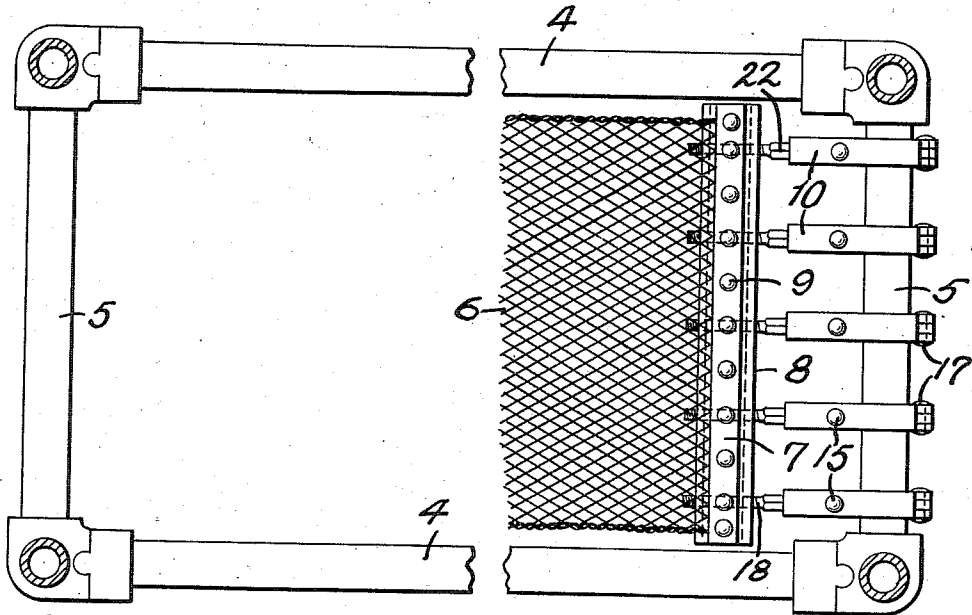


FIG. 1.

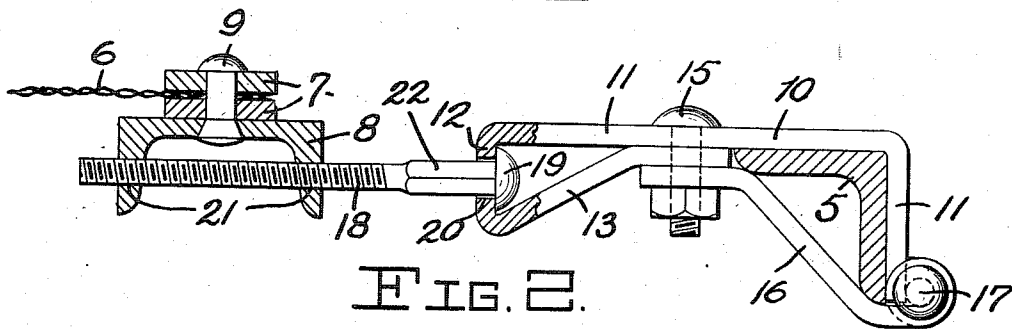


FIG. 2.

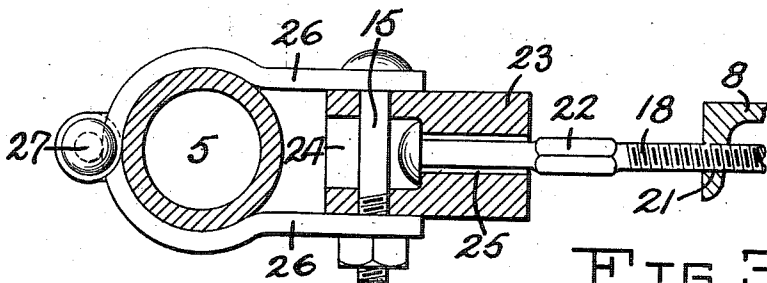


FIG. 3.

WITNESSES
Shurtz & Waller
C. R. M. Kozie.

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UNITED STATES PATENT OFFICE.

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BED-FRAME CONSTRUCTION.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, FRANK I. GOULD, of the town of Hailebury, in the Province of Ontario and Dominion of Canada, have invented certain new and useful Improvements in Bed-Frame Construction, of which the following is a full, clear, and exact description.

This invention relates to improvements in bed frame construction and more particularly to means for adjusting or stretching the spring fabric.

The main object of the invention is to provide means by which the end bars, to which the spring fabric is secured, may be adjusted longitudinally with respect to the bedstead, such means being simple, inexpensive, efficient and easily attached to any frame of ordinary construction.

In the drawings which illustrate my invention Figure 1 is a plan view of a bed showing my adjustable attachment in operative position. Fig. 2 is a sectional elevation of the adjusting device. Fig. 3 is a sectional elevation showing a slightly modified form of the construction illustrated in Fig. 2.

Referring to the drawings, 4 designates the side rails and 5 the end rails of a bed frame, provided with a suitable spring fabric 6. The spring fabric is secured at the top between a pair of bars 7, which are riveted or otherwise held so closely as to prevent any movement of the spring. Below the bar 7 I provide a series of mooring brackets 8, preferably of channel section, which are riveted to said bars by rivets 9. A bracket 10 is attached to the end rail 5 at the head of the bed and consists of a strap 11 which embraces the end rail at the top and then extends horizontally forward a suitable distance where it is bent downwardly, as indicated at 12, and then backwardly at 13, being secured to the horizontal portion 11 by means of a bolt or pin 15. To insure this bracket being held in position, I provide a hinge portion 16, pivoted at 17 and extending forwardly to the center of the bracket where it is secured by the bolt 15. The bracket may thus be attached to the head rail of any bed by merely throwing back the hinge member 16 and securing

same by means of the bolt after the bracket has been placed in position. The brackets 10 are connected to the mooring brackets 8 by means of a bolt 18, provided with a round head 19. The bolt 18 passes through an aperture 20 in the downwardly bent portion 12 of the strap 11 and is threaded into apertures 21 in the mooring bracket 8. A square portion 22 is provided on the bolt adjacent the aperture 21, and by means of a wrench the bolt may be turned, and the threaded portion will carry the mooring bracket 8 with the bar 7 toward or away from the head rail 5, as desired. The spring may thus be adjusted in a simple and rapid manner.

In Fig. 3 I have shown a slightly modified form of construction in which the bracket member consists of a casting 23 having a recess 24 in one end thereof and an aperture 25 through which the bolt passes. Strap members 26 hinged at 27, are adapted to extend around the head rail to be locked in position on the casting by means of the bolt 15, as above described.

Any suitable number of adjusting devices may be used for spring beds of any width and it will be obvious that by means of this device the spring fabric may be tightened at will to prevent sagging after the spring has been in use.

Having thus described my invention, what I claim is:—

A device of the character described, comprising the combination with a bed frame of a spring having end bars secured thereto, and a plurality of adjusting members connecting the spring and the head rail of the bed frame, said adjusting members consisting of mooring members of channel section secured to the end bars of the spring, and hinged brackets connected to the end rail of the bed frame, and a threaded bolt adapted to turn freely within the hinged bracket and threaded into the mooring member, substantially as described.

In witness whereof I have hereunto set my hand in the presence of two witnesses.

FRANK I. GOULD.

Witnesses:

STUART R. W. ALLEN,
E. R. MCKENZIE.