Sept. 10, 1929. J. F. BROWN 1,727,630

ADJUSTABLE SUPPORT FOR SPRING FRAMES

Filed March 19, 1928

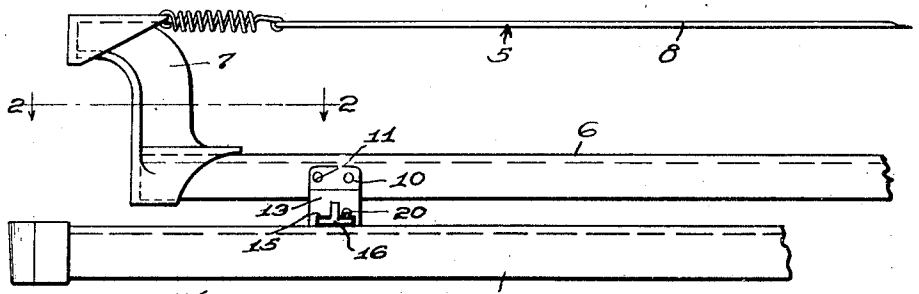


Fig. 1.

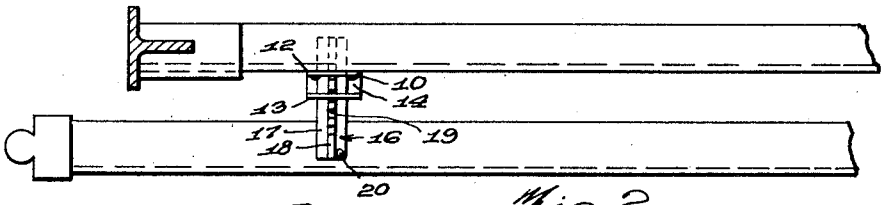


Fig. 2.

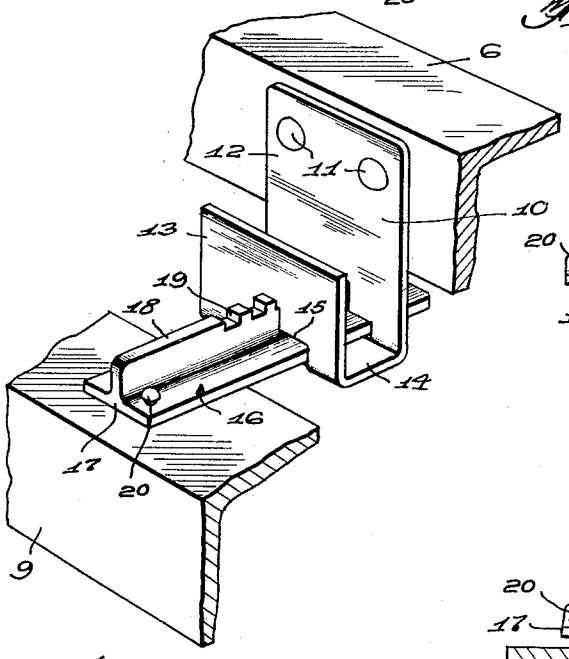


Fig. 3.

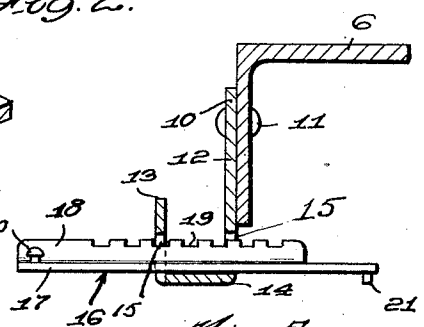


Fig. 5.

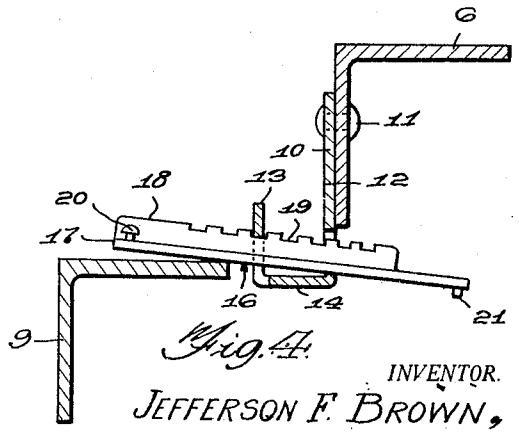


Fig. 4.

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UNITED STATES PATENT OFFICE.

JEFFERSON F. BROWN, OF MEMPHIS, TENNESSEE, ASSIGNOR TO U. S. BEDDING COMPANY, OF MEMPHIS, TENNESSEE, A CORPORATION OF GEORGIA.

ADJUSTABLE SUPPORT FOR SPRING FRAMES.

Application filed March 19, 1926. Serial No. 262,843.

My invention relates to an adjustable support for spring frames.

The adjustable support is adapted to be attached upon various types of spring frames, such as, spring bed bottoms, or spring frames included in the seats or cushions of chairs, settees, and the like. When the support is secured to the spring frame, such as a spring bed bottom, such support is adjustable within limits, for attaching the bed bottom to the rails of the bed, which may vary slightly in width. The same operation is present in attaching other spring bottoms to their supports. The invention is illustrated as applied to a bed spring bottom, but it is to be understood that it is in no sense restricted to this precise application.

In the accompanying drawings, forming a part of this specification and in which like numerals are employed to designate like parts throughout the same,

Figure 1 is an end elevation of an adjustable support, showing the same applied to a spring bed bottom,

Figure 2 is a horizontal section taken on line 2—2 of Figure 1,

Figure 3 is a perspective view of the adjustable support,

Figure 4 is a central vertical longitudinal section through the same, the T-rail being in the locked position, and,

Figure 5 is a similar view, showing the T-rail unlocked.

In the drawings, wherein for the purpose of illustration, is shown a preferred embodiment of my invention, the numeral 5 designates a spring frame or bottom as a whole. including rails 6, having transverse bars 7, attached to the ends thereof, which bars carry the spring mattress 8. The numeral 9 designates the rails of the bed.

Attached to each rail 6 of the spring frame, preferably near each end thereof, is a U-shaped keeper 10, secured thereto by rivets 11, or the like. The U-shaped keeper 10 produces oppositely arranged sides 12 and 13, connected by a bottom 14. The sides 12 and 13 are provided with inverted T-shaped openings 15.

Slidably mounted within the inverted T-shaped openings 15 is a T-rail 16 embodying a horizontal web 17 and a vertical web 18. The vertical web is provided upon its top edge with notches 19, arranged in a longitudinal row. Stops 20 and 21 are attached to the opposite ends of the horizontal web 17.

In operation, the T-rail 16 may assume the lowermost horizontal position in contact with the bottom 14, and the notched top of the vertical web 18 will clear the end walls of the T-shaped openings 15. The T-rail 16 may now be adjusted longitudinally. When shifted to the selected longitudinal adjustment, the T-rail 16 is placed upon the rail or support 9, and the weight of the spring frame will cause this T-rail to tilt upwardly toward its outer end whereby a selected notch 19 will receive the end wall of the opening 15, and the T-rail will be locked to the keeper 10 against longitudinal displacements. The stops 20 and 21 retain the T-rail 16 permanently attached to the keeper 10.

It is to be understood that the form of my invention, herewith shown and described, is to be taken as a preferred example of the same, and that various changes in the shape, size and arrangement of parts, may be resorted to without departing from the spirit of my invention, or the scope of the subjoined claim.

Having thus described my invention, I claim:—

An adjustable support for a spring frame, comprising a U-shaped keeper arranged upon the outer side of the frame and having inner and outer substantially vertical arms with the inner arm extending above

the outer arm for a substantial distance, means for rigidly attaching the inner arm to the spring frame, said inner and outer arms having inverted T-shaped openings, and an inverted T-rail slidably mounted within the inverted T-shaped openings, the upper edge of the vertical web of the inverted T-rail having notches to interlock with the top wall of the the inverted T-shaped opening in the outer arm, and stops carried by the T-rail near its ends for retaining the same assembled upon the U-shaped keeper.

In testimony whereof I affix my signature.

JEFFERSON F. BROWN.