Dec. 24, 1940. V. MASSACESE 2,226,172

ADJUSTABLE SUPPORTING MEANS FOR BEDSPRINGS

Filed July 8, 1939

Fig. 1.

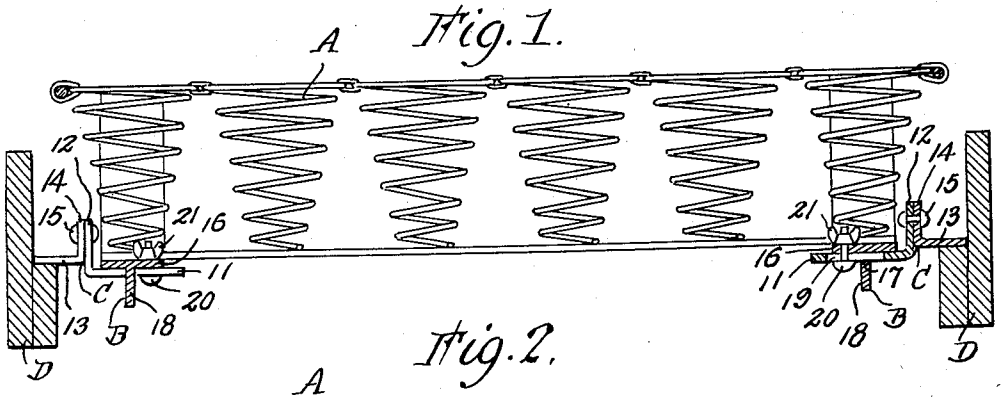


Fig. 2.

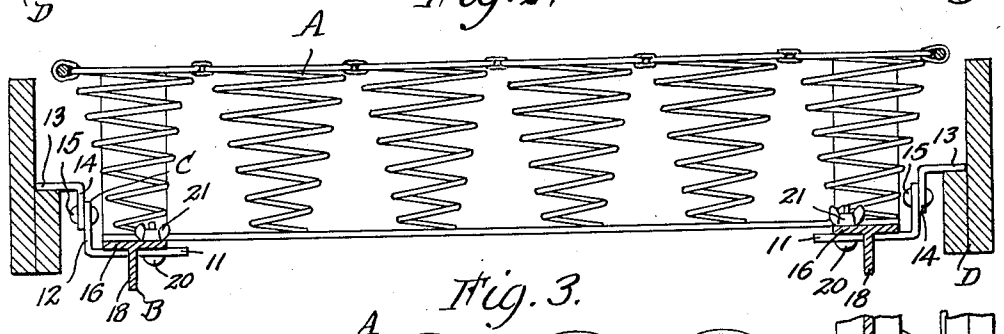


Fig. 3.

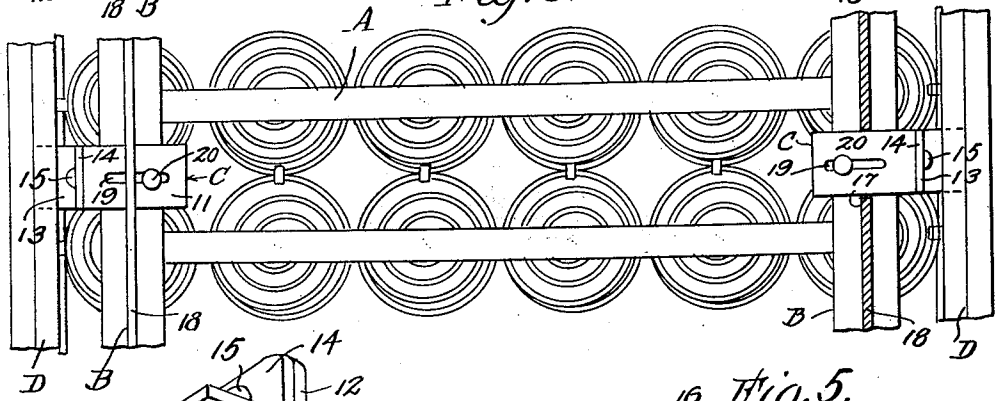


Fig. 4.

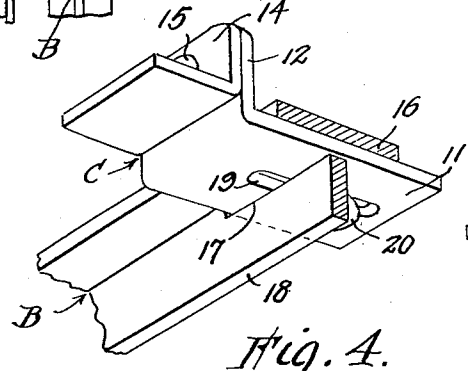
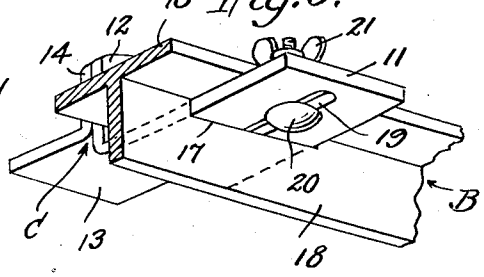


Fig. 5.



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ADJUSTABLE SUPPORTING MEANS FOR BEDSPRINGS

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2 Claims. (Cl. 5—209)

This invention relates to bedsprings and has particular reference to an improved means provided on a bedspring frame for engagement with the side piece of a bedstead and for supporting the bedspring therefrom.

The invention primarily comprehends a bedspring structure provided with supporting elements for engagement with the side pieces of a bedstead and which elements are adjustable so as to vary the height of the spring with reference to the bedstead.

The invention also contemplates a bedspring provided with supporting elements which are laterally adjustable so as to compensate for variation in the width of bedsteads particularly the difference in the width between wooden and metal bedsteads.

The invention furthermore resides in the provision of adjustable pairs of supporting elements provided on a bed spring frame which elements are independently adjustable and by means of which one end portion of the bedspring may be disposed in elevated relation to the other end.

Other objects of the invention reside in an improved support for bedsprings which is comparatively simple in its construction and mode of use, which may be economically produced and incorporated in the bedspring structure and which is highly efficient for its intended purpose.

With the above recited and other objects in view, the invention is set forth in greater detail in the following specification and illustrated in the accompanying drawing in which:

Fig. 1 is a transverse sectional view through a bedspring equipped with a supporting means constructed in accordance with the invention and illustrating the supporting means adjusted and engaging with the side pieces of a bedstead so as to dispose the spring in elevated relation thereto.

Fig. 2 is a similar view illustrating the supporting means adjusted and engaging the side pieces of a bedstead so as to dispose the bedspring in lowered relation thereto.

Fig. 3 is a fragmentary bottom plan view.

Figs. 4 and 5 are enlarged fragmentary perspective views illustrating the spring supporting elements associated with the side rail of the bedspring frame.

Referring to the drawings by characters of reference, A designates a bedspring of any desired construction which in the present instance includes side rails B of T-shape in cross section, although it is to be understood that said rails may be of any configuration.

A plurality of supporting elements, designated generally by the reference character C are provided and preferably four are employed which are arranged in pairs located on opposite sides of the lower portion of the bedspring, one pair being disposed adjacent the head end thereof and the other pair adjacent the foot end of the same. The elements C are of identical construction and each includes an angulated attaching section 11 having an upwardly disposed angular terminal 12. A lug 13 having an angularly disposed terminal 14 is pivotally connected to the terminal 12 of the attaching section 11 by a pivot 15.

The attaching section 11, in the form of the invention shown, extends transversely under the flange 16 of the side rail B and through a slot 17 in the web 18 of the side rail. The attaching section 11 is slotted as at 19 and a bolt 20 extends through the flange 16 and through the slot 19 and is provided with a wing nut 21 by means of which the supporting elements C may be laterally adjusted with reference to the side rail B and the spring structure A.

The lugs 13 which protrude laterally outward from the attaching section 11 of the supporting elements are adapted to rest upon the side pieces D of a bedstead and obviously by shifting the attaching section 11 with reference to the side rail B the lugs may be relatively projected or retracted to compensate for variations in the width of bedsteads.

Due to the fact that the lugs 13 are pivotally connected by the pivots 15, as described, it is apparent that the lugs may be disposed downwardly or upwardly as illustrated in Figs. 1 and 2 of the drawing so as to vary the height at which the spring is supported with reference to the bedstead.

It is also obvious that when desired the pair of lugs adjacent one end of the spring structure may be disposed downwardly and the pair at the other end upwardly so as to support the bedspring with one end elevated with reference to the other.

What is claimed is:

1. A bedspring including supporting elements each having an angulated attaching section carried by the bedspring structure and having an outer flat face disposed in a plane parallel to the side of the spring structure, a laterally projecting lug having a horizontal portion and an angularly disposed vertical terminal provided with a flat face in flat contact with the flat outer face of the attaching section, and pivot means perpendic-

ular to said contacting flat faces connecting the lug to the attaching means for rotary movement to dispose the horizontal portion thereof at relatively different elevations for engagement with a bedstead so as to vary the height at which the bedspring is supported by the bedstead and with reference thereto.

2. In a bedspring having longitudinal side rails formed with transverse horizontally disposed slots, supporting elements each including an angulated attaching section carried by the side rails and having a horizontal portion extending through the slots for slidable adjustment and having an angularly disposed terminal at the outer end thereof formed with a flat outer face, means engaging the horizontal portion of said attaching section for locking the same in laterally adjusted position, a laterally projecting lug having a horizontal portion and an angularly disposed terminal formed with a flat inner face arranged in flat contact with the outer face of the attaching section terminal, and a pivot extending through said terminals and connecting the same for rotary movement to respectively locate the horizontal portion of the lug at relatively different vertical positions for engagement with the side pieces of a bedstead so as to vary the height at which the bedspring is supported by and with reference to the bedstead, and whereby said supporting elements are laterally adjustable to compensate for variations in the distance between the side pieces of the bedstead.

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