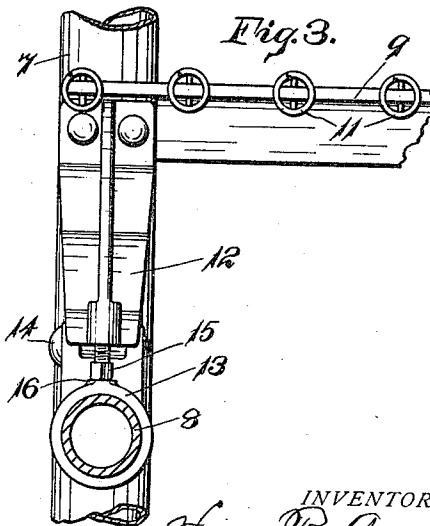
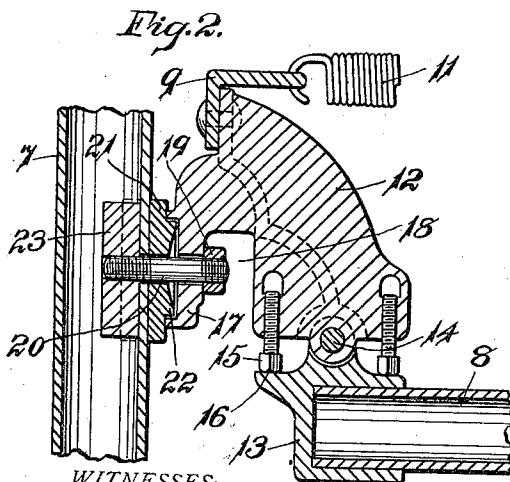
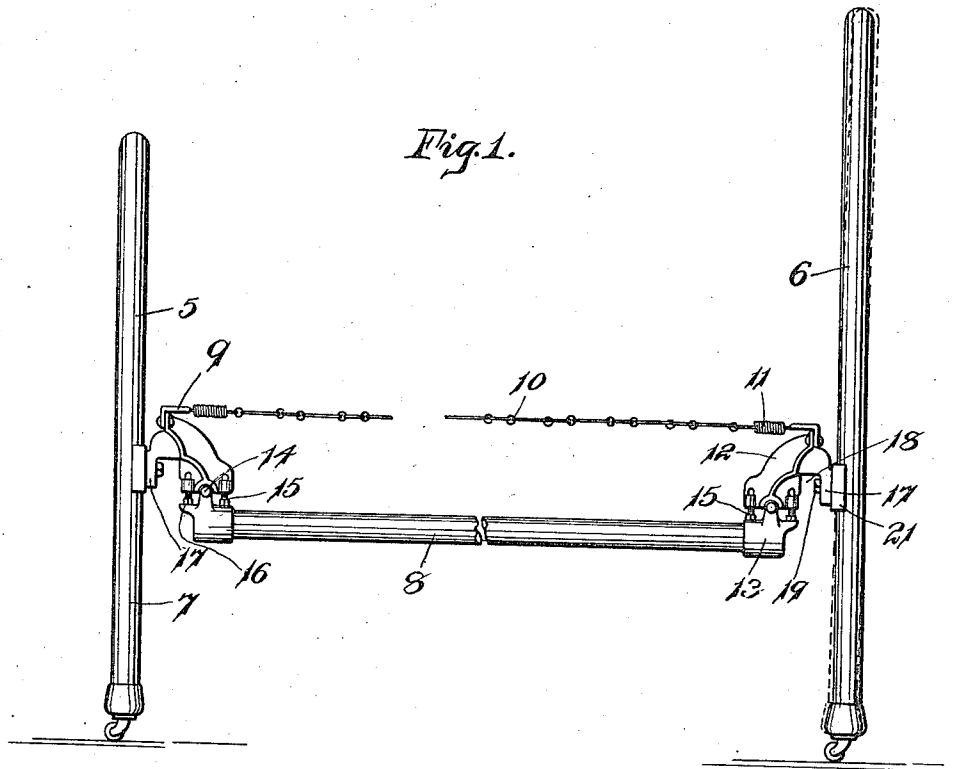


H. B. ARNOLD.
BEDSTEAD.

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1,060,057.

Patented Apr. 29, 1913.



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BEDSTEAD.

1,060,057.

Specification of Letters Patent.

Patented Apr. 29, 1913.

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To all whom it may concern:

Be it known that I, HARRY B. ARNOLD, a citizen of the United States, and a resident of New Britain, in the county of Hartford and State of Connecticut, have invented a new and Improved Bedstead, of which the following is a specification.

My invention relates to that class of bedsteads supported by posts extending below and above the spring-bed part, and is especially adapted for use in that class of bedsteads known to the trade as "three-piece bedsteads," that is bedsteads each consisting of a spring-bed part, and head and foot ends, and the object of my invention, among others, is to provide a structure of this class in which the posts or head and foot ends may be each readily changed as to vertical arrangement with respect to the spring-bed part.

Other objects will appear from the following description taken in connection with the structure shown in the accompanying drawings, in which—

Figure 1 is a view in side elevation of a bedstead embodying my invention. Fig. 2 is a detail view in central vertical section through a part of one of the supporting posts, and a bracket embodying my invention secured thereto. Fig. 3 is a detail end view of the same.

It is desirable, for various reasons, in the construction of a bedstead that the head and foot ends, which include the supporting posts, shall, when the bed is set up, be disposed in vertical positions, that is in parallel relation. The wire mattress forming a portion of the spring-bed part is placed under considerable tension which is resisted by the side bars. While these side bars may be comparatively rigid, yet this force exerted by the mattress tends to spring them to a greater or lesser degree, and as the tension upon the mattress fabric differs in various constructions, and as the resilient qualities of the side bars also differ in various members the extent to which the latter will be bowed or sprung will vary in different structures. The head and foot ends are rigidly secured to or connected with the spring-bed part, and while the extent to which the side bars may be bent may be comparatively slight, the extent of displacement as denoted by the comparatively long

supporting posts will be extensively multiplied and extremely noticeable from a comparison of the head and foot ends, one with the other. Other irregularities in the formation of the various members of this structure will cause the head and foot ends to be more or less displaced from a vertical position.

The structure herein illustrated and described is provided with means whereby the head and foot ends may be adjusted with respect to the spring bed part, so that irrespective of the extent to which the side bars of the latter may be bent or sprung from a straight line, or whatever the irregularities in the formation of other members may be, the posts of the head and foot ends may be adjusted to proper position in the finished structure to compensate for any displacement caused by inequalities or irregularities in the construction, or in the springing of parts.

In the accompanying drawings illustrating a preferred form of construction embodying my invention the numeral 5 denotes the foot end, and 6 the head end of a bedstead, which may be constructed in any suitable manner, and embodying supporting posts 7. The spring-bed part includes side bars 8 connected in any suitable manner as by means of angle bars 9 rigidly secured in place, and to which the mattress fabric 10 is secured, springs 11 being employed to connect the mattress fabric and said angle bars.

All of the parts above described may be of any well-known construction, and as they form, except in combination with other elements, no part of my invention, further and detailed description are omitted herein.

In the preferred form of embodiment of my invention I provide brackets 12, one located at each corner of the spring-bed and rigidly secured one to each of the posts 7, the brackets at each end of the spring-bed being connected by an angle or fabric supporting bar 9. A socket piece 13 is movably supported by each of the brackets 12, so that the relative angular position of the post 7 with respect to the side bar 8 connected with the bracket may be varied. Preferably this socket piece is attached to the bracket as by means of a pivot 14, so that the parts may swing one with respect to the other. Set

screws 15 are interposed between the socket piece and the bracket in the construction illustrated, these screws being threaded into the bracket and the heads thrusting against seats 16 on the socket pieces.

Each of the brackets 12 has a foot 17 offset from the main part of the bracket producing a space 18 between said parts, and within which space a nut 19 secured on the end of a bolt 20 is located. A saddle 21 having a curved seat to fit a post 7 is provided for each of the brackets 12. These saddles, in the preferred form of construction, have projections 22 extending into recesses in the feet 17. Each bolt 20 projects through a post 7 and is secured to an anchoring piece 23 located within the post, the bolt opening through the foot 17 being somewhat larger than the bolt, and the projection 22 being somewhat smaller than its recess, whereby a slight movement of the bracket 12 with respect to the saddle 21 may be obtained for purposes of adjustment.

While I have shown and described herein a preferred form of construction embodying my invention this may be changed to a greater or lesser extent and yet be within the scope and intent of the invention as embodied in the claims herein, and I do not therefore limit my invention to the exact construction herein shown and described.

I claim—

1. In a bedstead, head and foot ends and a spring bed part including brackets rigidly secured to said head and foot ends, socket pieces pivotally attached to said brackets, side bars secured in said socket pieces, a spring fabric secured to the brackets, and

means for adjusting the relative position of the bracket and socket pieces.

2. In a bedstead, head and foot ends and a spring bed part including brackets rigidly secured to said head and foot ends, said brackets having overhanging portions with a pivot on the under side, socket pieces pivotally mounted on the under side of said bracket, a spring bed fabric secured to the upper side of said brackets, and means on the under side of the bracket for adjustably positioning the socket pieces on their pivots.

3. In a bedstead, supporting members including a post, a saddle secured to the post and having a projection, a bracket having a recess to receive said projection and rigidly secured to said post, a socket piece pivotally attached to said bracket, screws located between the bracket and socket piece for adjusting the position of the latter, and a spring-bed part including a side bar that projects into said bracket.

4. In a bedstead supporting members including posts, a spring bed part including brackets rigidly secured to said posts and socket pieces pivotally suspended from the underside of said brackets, adjustable screws threaded into the underside of said brackets on opposite sides of each of said pivots, a socket piece mounted on each of said pivots and having seats for said screws, and side rails rigidly connecting said socket pieces.

HARRY B. ARNOLD.

Witnesses:

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents Washington, D. C."