

J. PRENDERGAST.
BEDSTEAD.

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1,021,701.

Patented Mar. 26, 1912.

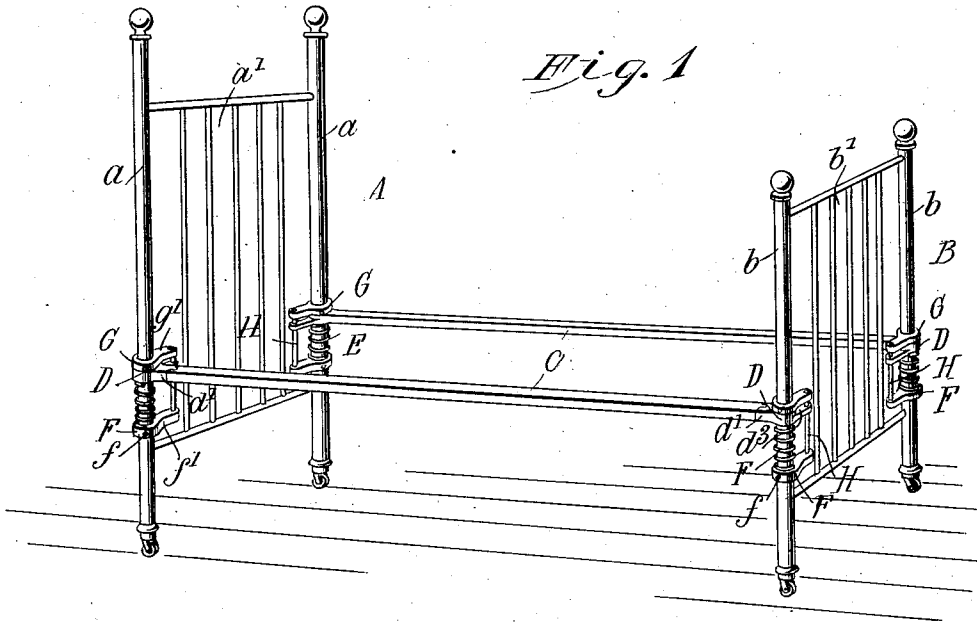


Fig. 2

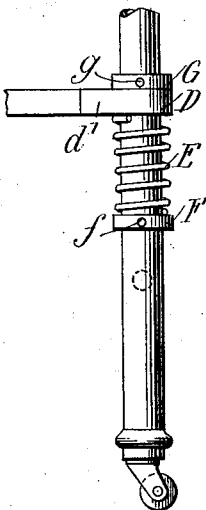


Fig. 3

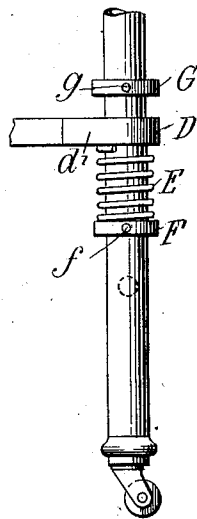
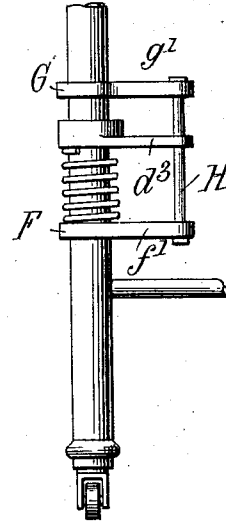
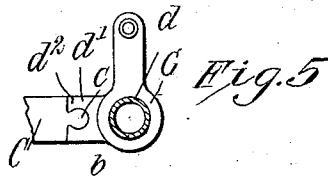


Fig. 4



WITNESSES

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BEDSTEAD.

1,021,701.

Specification of Letters Patent.

Patented Mar. 26, 1912.

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To all whom it may concern:

Be it known that I, JOHN PRENDERGAST, a citizen of the United States, and a resident of the city of New York, borough of Manhattan, in the county and State of New York, have invented a new and Improved Bedstead, of which the following is a full, clear, and exact description.

The object of the present invention is to produce a bedstead in which the side rails are connected to the head and foot boards in such manner that they may have a vertical sliding movement with relation to the head and foot boards, and to provide the head and foot boards with spring supports for the ends of the side rails, so that the side rails will be yieldingly supported, and thus render the use of the ordinary springs or other yielding supports for the bed, unnecessary.

The invention is particularly directed to producing a metallic bedstead having the novel features above set forth.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 shows a perspective view of a bedstead embodying the invention; Fig. 2 shows in side elevation a portion of one of the posts or supporting standards of a head or foot board of a metallic bedstead, also illustrating one end of one of the side rails and its supporting spring; Fig. 3 is a similar view, illustrating the sliding connection of a side rail with a post or standard and showing the supporting spring under compression; Fig. 4 is an end view of one of the posts or standards, showing a guide for the end of a side rail, and Fig. 5 shows a top plan view of one of the brackets to which a side rail is detachably connected, the post or standard being shown in cross section.

The bedstead comprises a head-board A and a foot-board B, each of which is made up of vertical posts *a* and *b* and of the lattice-like filling *a'* and *b'*, all of which may be of any usual or preferred construction common to the production of metallic bedsteads. The bedstead also comprises side rails C which are slidingly guided for vertical movement to the posts or standards *a*

and *b* respectively. The connection between the side rails C and the posts or standards consists of the sliding collars D, each of which has a bearing *d*, to receive the post or standard. Preferably, the collars D will be formed separately from the side rails C, and they will have short, radially-projecting brackets *d'* carrying one member of a coupling *d*², the other member *c* of the coupling being carried by the ends of the side rails C. The collars D are supported upon helical springs E which, at their lower ends, rest upon collars F, fastened to the posts *a* and *b* respectively by pins or set screws *f*. The springs E at their upper end bear against the upper side of the collars D. To limit the upward movement of the side rails C there are stop-collars G, which are fastened in a fixed position to the standards or posts *a* and *b* respectively by the pins or set screws *g*. For the purpose of guiding the up and down movement of the collars D they are each provided with a radially-extending arm *d*³, having at their outer ends an opening or bearing through which passes a guide-rod H, mounted in the radially-extending arms *g'* and *f'* of the collars G and F respectively. The guide rods H it will be noted, are fixedly held by the radial arms *g'* and *f'* in vertical parallel relation to the posts *a* and *b* respectively, and at a fixed radius with relation to the posts; thus the bedstead when assembled is held in a rigid condition with the side rails, and head, and foot boards, forming a parallelogram so that they will be prevented from moving angularly when the bedstead as a whole is moved.

In operation, the mattress and other bedding will be supported upon the side rails, which are capable of having a yielding or sliding movement up and down on the posts or standards *a* and *b*.

While I have shown and described my invention as embodied in a metallic bedstead, it will of course be apparent that it is applicable to wooden bedsteads as well.

Having thus described my invention, I claim as new and desire to secure by Letters Patent:

A bedstead comprising head and foot boards embodying vertical standards, sliding collars mounted on said standards,

springs surrounding said standards and supporting said collars, collars fixedly secured to the standards above and below the sliding collars, radial arms carried by said fixed
5 collars, a rod supported by said arms, and a radial arm carried by the sliding collar having a sliding connection with said rod.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JOHN PRENDERGAST. [L. s.]

Witnesses:

JOHN F. BRICE,

JOSEPH H. RAYNOR.

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