

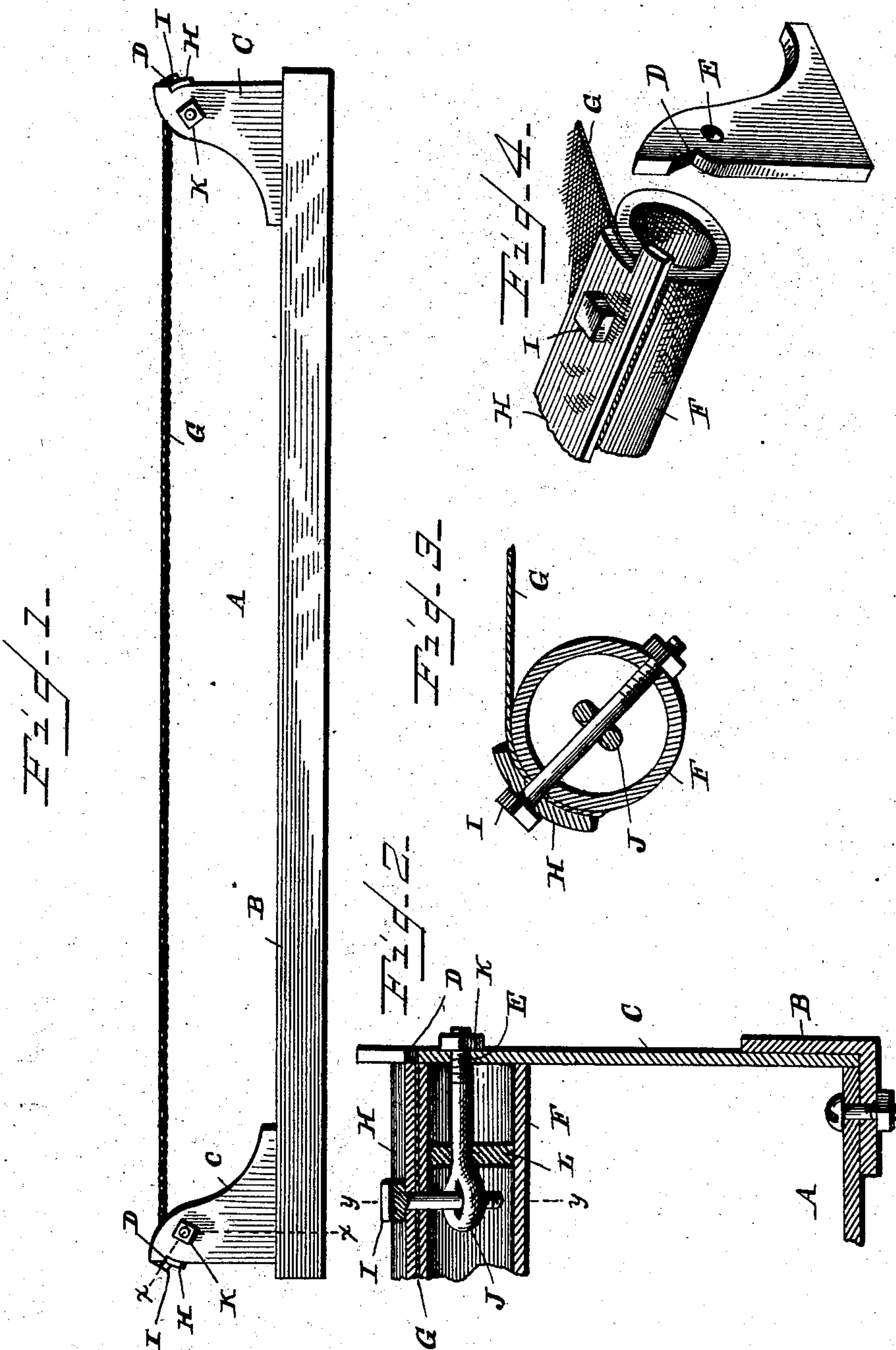
No. 726,113.

PATENTED APR. 21, 1903.

J. H. THOMAS.  
SPRING BED.

APPLICATION FILED NOV. 26, 1902.

NO MODEL.



**WITNESSES**

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# UNITED STATES PATENT OFFICE.

JOHN H. THOMAS, OF CLARKE COUNTY, WASHINGTON.

## SPRING-BED.

SPECIFICATION forming part of Letters Patent No. 726,113, dated April 21, 1903.

Application filed November 26, 1902. Serial No. 132,931. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN H. THOMAS, a citizen of the United States of America, residing in the county of Clarke and State of Washington, have invented certain new and useful Improvements in Spring-Beds, of which the following is a full, clear, and exact specification.

This invention has special reference to the construction whereby a flexible mattress is kept taut and adjusted to compensate for slackening under use; and it consists in certain novel features hereinafter described and claimed.

In the annexed drawings, which fully illustrate my invention, Figure 1 is a side elevation of a spring bed and frame. Fig. 2 is a detail sectional view taken on the line *x x* of Fig. 1. Fig. 3 is a detail sectional view taken on the line *y y* of Fig. 2; and Fig. 4 is a detail perspective view showing the roller, the riser, and the clamping-bar separated, but in their proper relative positions.

The bedstead-frame A is of the usual or any preferred construction, having the side rails B, as shown. On these side rails, at the ends of the same, I secure the risers C, having notches D in their outer edges and provided with transverse openings E at their upper corners. It will be understood, of course, that there is a pair of these risers at each end of the bedstead, the risers of each pair being at the opposite corners of the bed. Between the risers of each pair I arrange a roller or cylindrical tube F, to which the wire or other spring fabric G is secured. When the fabric is stretched between the rollers, it forms a flexible mattress of sufficient weight to support the sleeper in a comfortable position. The fabric is secured to the rollers by means of clamping-bars H, which are curved concentrically with the rollers and are secured thereto over the fabric by bolts I, inserted through the said bars and the rollers. The ends of the bars project beyond the ends of the rollers and engage the notches D in the risers, so as to prevent the backward rotation of the rollers under the tension of the fabric, as will be readily understood. The end bolts I pass through the ends of eyebolts J, which

are fitted in the openings E of the risers and project into the rollers, as shown most clearly in Fig. 2. On the outer ends of these eyebolts are fitted nuts K, which are adapted to be turned home against the risers, and on their inner portions are collars or sleeves L, fitting tightly on the eyebolts and within the risers to support the rollers in position, the risers being forced against the ends of the roller, so as to clamp the same by the nuts K.

From the foregoing description, taken in connection with the accompanying drawings, it will be seen that I have provided a very simple and efficient spring-bed. Should it be desired to tighten the fabric, so as to take up the slack or stretch caused by long-continued use, the clamping-bars are removed and the fabric then drawn tight over the roller, after which the clamping-bars are returned and secured.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

1. In a spring-bed, the combination with the frame, of risers secured at the corners of the same and provided with notches in their outer edges, rollers mounted between the risers, a fabric stretched over the rollers, and clamping-bars secured on the rollers over the fabric and having their ends projected beyond the rollers to engage the notches in the risers.

2. In a spring-bed, the combination with the frame and risers thereon, of rollers mounted between the risers, a fabric stretched over the rollers, clamping-bars secured on the rollers over the fabric and adapted to engage the risers, eyebolts inserted through the risers and projecting into the ends of the rollers, and bolts inserted through the clamping-bars and the rollers to secure the same together, the end ones of said bolts passing through the said eyebolts.

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

JOHN H. THOMAS.

Witnesses:

HUGH MACMASTER,  
ALLAN DUFFIN.