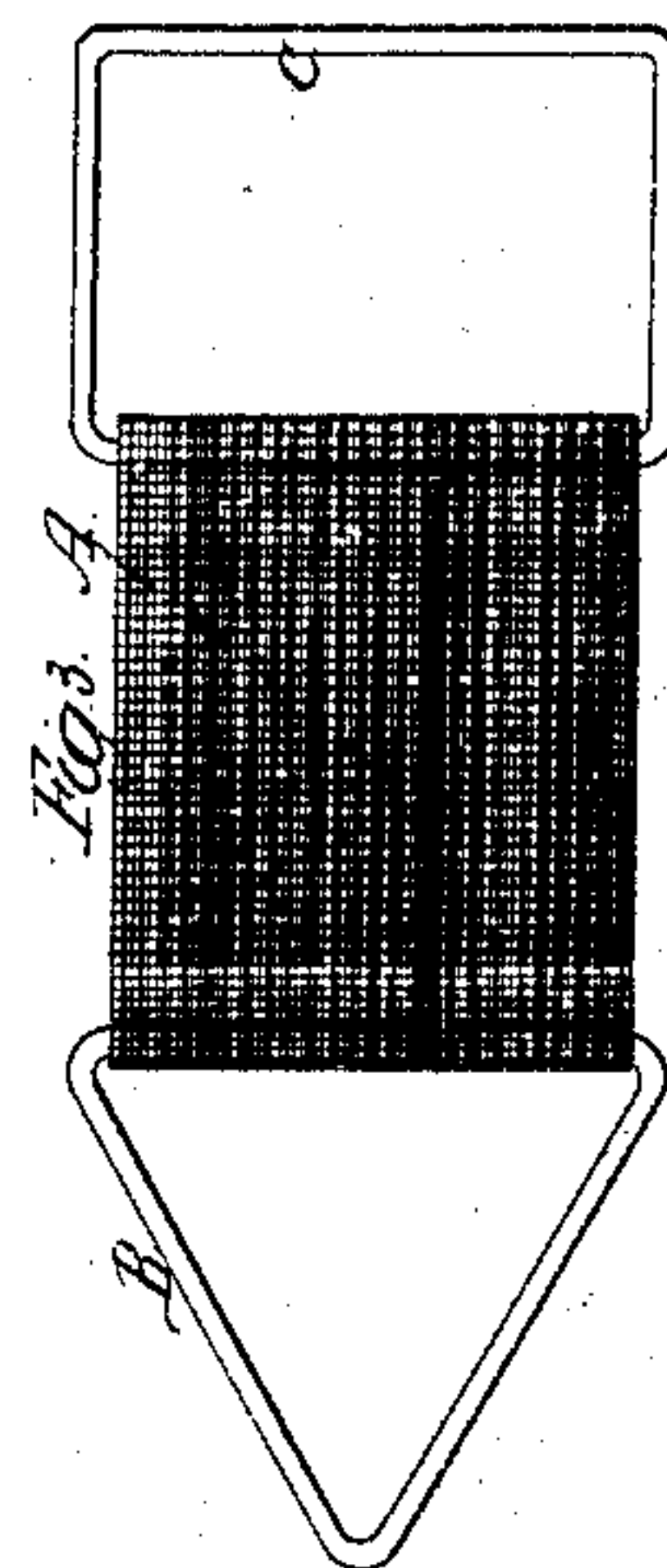
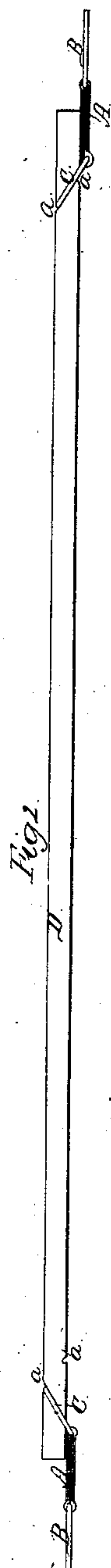
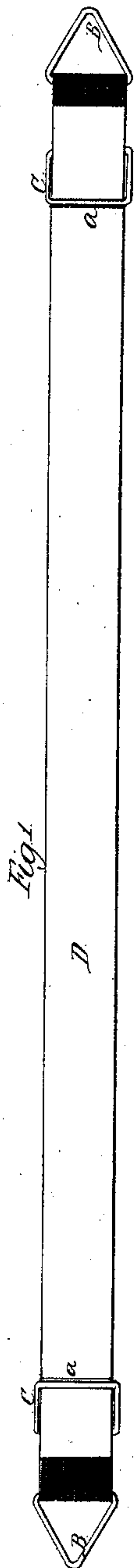


*C. Robinson,*

*Bed Bottom,*

*N<sup>o</sup> 17,695.*

*Patented June 30, 1857.*



# UNITED STATES PATENT OFFICE.

CHARLES ROBINSON, OF CAMBRIDGEPORT, MASSACHUSETTS.

## ELASTIC LOOP FOR SUSPENDING BEDSTEAD-SLATS.

Specification of Letters Patent No. 17,695, dated June 30, 1857.

*To all whom it may concern:*

Be it known that I, CHARLES ROBINSON, of Cambridgeport, in the county of Middlesex and State of Massachusetts, have invented a new and useful Elastic Loop for Bedstead-Slats; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, making part of this specification, Figure 1 being a plan of a bedstead-slat provided with my improved elastic loops; Fig. 2, a side elevation of the same; Fig. 3, a view of the loop separate.

Like letters designate corresponding parts in all the figures.

The object of my invention is to produce a distinct article of manufacture which can be readily attached to, and detached from, the slats of a bedstead; and which may serve both to give elasticity to the slats, as a support, and also to accomplish the purpose of suspending the slats from, or connecting them with, the bedstead rails.

The loop consists of only three parts, viz, the elastic part A; the loop or eye B, by which to attach to the bedstead rail; and the coupling link C for attaching it to the slat. The elastic part A is most properly made of cloth shirred with india rubber. It is simply inserted through the eye, B, and link, C, and its ends sewed together. But to give the loop greater strength and compactness it is well to stitch the two thicknesses together close to the said eye and link, as shown in the drawings. Instead of sewing the ends together they may be simply passed around the wire of the eye and link and stitched to the main part. The eye B is made of wire bent into suitable shape, the triangular form shown in the drawings being the most convenient. The ends meet in the middle of the side around which the shirred cloth A passes. When the slats are to be suspended in the bedstead the eyes are hooked over pegs, or screws, inserted in the top of the head and foot rails, for the purpose. The coupling link C is also made of wire and has a rectangular form, as represented; the length being a little greater than the width, and the width somewhat greater

than the thickness of the slats. The side in which the ends meet should be surrounded by the cloth, as in the case of the eye. Both the link and eye may be cast of malleable iron, instead of making them of bent wire. Thus made, each loop is attached to a slat by simply slipping its link C over the end thereof and allowing its extreme side to sink into a notch cut across the slat, as shown in Figs. 1 and 2. Then the greater the tension upon the loop the more securely is it held on the slat. The slat, being of suitable length to secure the proper degree of tension upon the loop, becomes a very superior elastic support for the bed above. And if the loops become stretched so as to allow the slats to sag too much, it is only requisite to cut notches a little farther from the ends thereof for the reception of the loop-links, and they will again become sufficiently taut. And when they become permanently bent they are turned over and the loops taken off and again replaced, the sides being shifted. In this case the notches *a, a*, on opposite sides of the slats, should be arranged as in Fig. 2 so that the distance between the two loops may remain the same as before the slat was inverted.

The loops are removable from, and replaceable upon, the slats in a moment; and simple notches cut across the slats near the ends are all the preparation which the ordinary slats require for their reception. Only the loops, therefore, require to be furnished for the market, and they thus become a separate article of manufacture and sale.

What I claim as my invention and desire to secure by Letters Patent is—

An elastic, self-attaching loop for bedstead slats, substantially as herein specified, as a separate article of manufacture not heretofore known.

In witness that the above is a true specification of my improved elastic loop for bedstead slats I hereunto set my hand this 16th day of February, 1857.

CHARLES ROBINSON.

Witnesses:

JUSTIN A. JACOBS,  
A. K. P. WELCH.