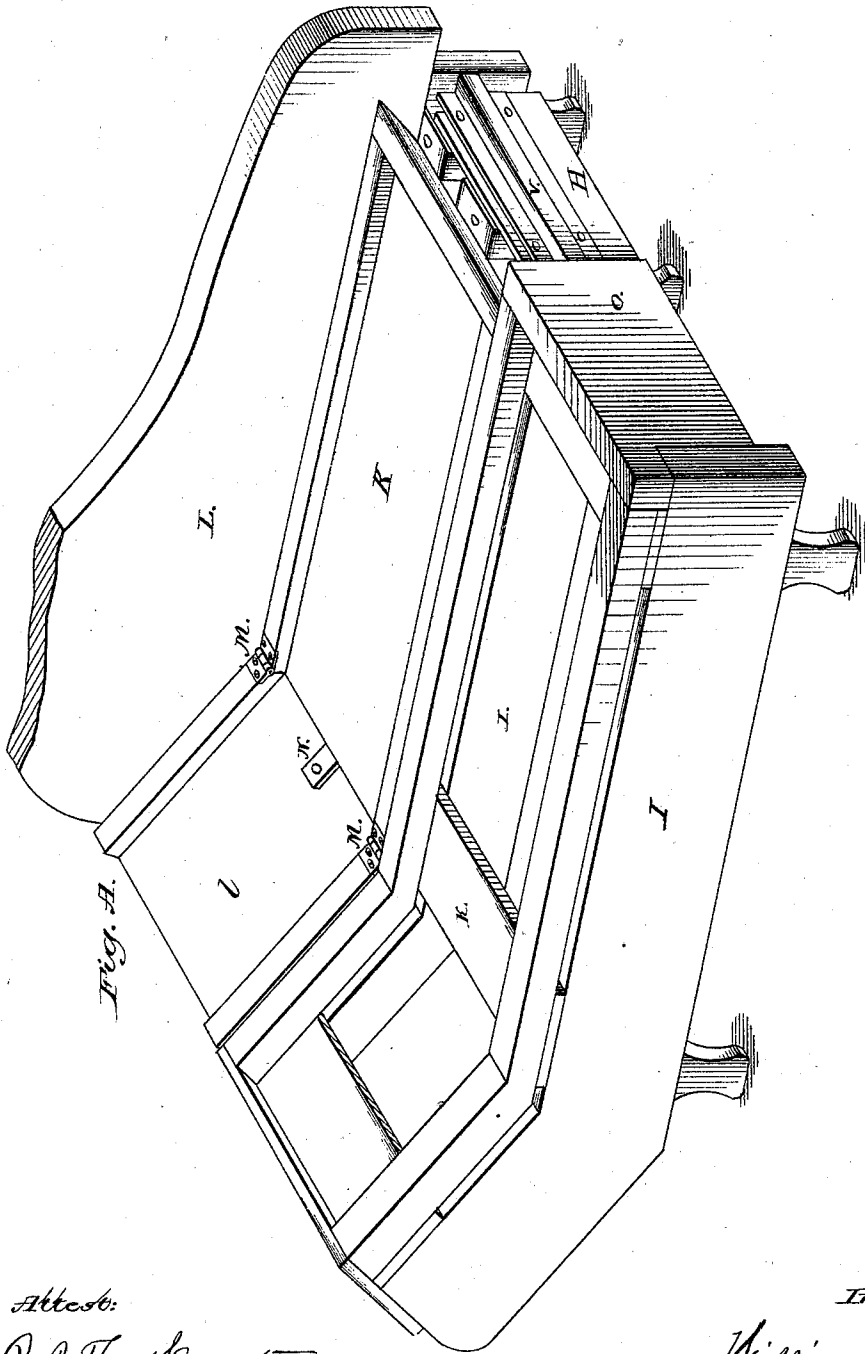


W. E. BUSER.
SOFA-BEDSTEAD.

No. 172,084.

Patented Jan. 11, 1876.



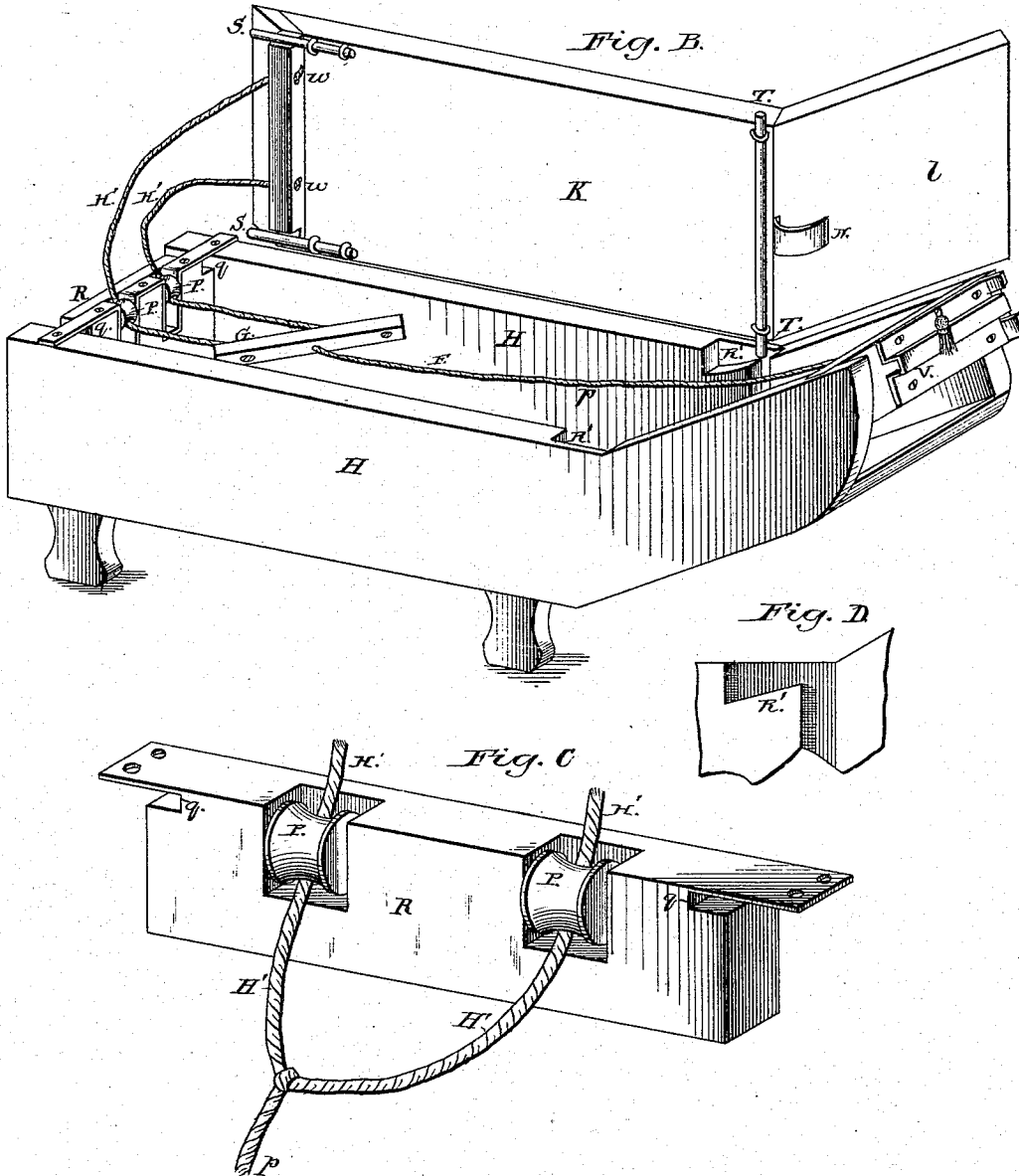
Attest:
J. J. Throckmorton
William Waddle Jr.

Inventor:
William E. Buser

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William Waddell

Inventor:

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UNITED STATES PATENT OFFICE

WILLIAM E. BUSER, OF CHILLICOTHE, OHIO.

IMPROVEMENT IN SOFA-BEDSTEADS.

Specification forming part of Letters Patent No. 172,084, dated January 11, 1876; application filed September 9, 1875.

To all whom it may concern:

Be it known that I, WILLIAM E. BUSER, of the city of Chillicothe, county of Ross and State of Ohio, have invented a new and useful Improvement for an Adjustable Extension Bed-Lounge; and I do declare that the following is a clear, full, and exact description of the construction and operation of the same.

The invention is an improvement in the class of sofa-beds or bed-lounges provided with a sliding top and an adjustable bottom.

The invention relates to the construction and arrangement of parts, whereby the bottom is supported and adjusted, as hereinafter described.

In the drawing, Figure A, Sheet 1, is a perspective view of the sofa adjusted for use as a bed, the top being shown removed or slid off, and the false bottom elevated. Fig. B, Sheet 2, is a perspective view of the sofa-bed with the false bottom removed and supported on its side, in order to show the construction and arrangement of the inner parts, particularly the operating-cords. Figs. C and D are detail perspective views.

The body or main portion H of the sofa-bed is constructed hollow and provided with a back, L, as usual in this class of furniture. The part I is arranged to slide on or off the body H by means of metallic slide-bars V, attached to their respective ends.

The feature to which (in connection with its operating-cords) my invention particularly relates is the bottom K, having a folding end, *l*, attached thereto by means of hinges M. The joint is beveled, as shown, whereby said end is supported in an inclined position when thrown back to form part of the entire bed-bottom, as shown in Fig. 1. Cords H' H' are attached to the foot of the bottom K, and pass around pulleys P, journaled in the foot-piece R of the sofa. A single cord, *p*, is attached directly to the ends of cords O, as in

Fig. C, or intermediately by means of a bar, G, as in Fig. B. This cord extends forward through or over the head of the sofa-bed, to adapt it to be conveniently grasped and pulled. When the false bottom K is not adjusted for use, as in Fig. A, it rests on the bottom proper of the part H.

It will be apparent, however, that when the cord *p* is pulled it will raise the head of said bottom by upward pressure against the under side thereof, while the lower end will be simultaneously raised by the upward traction of cords H' H'. When the false bottom K has been elevated into a position parallel with the top of part H, as shown in Fig. A, the rod T and pins S, which project from and are secured to the bottom K, will be in line with the sockets R' R' and *q q*, respectively, and will enter the same on the traction of the cords being continued sufficiently to cause the bottom to move endwise toward the foot R of the sofa. The cords being then released, the bottom K will be at rest, and supported by the rod F or pins S, as will be readily understood. The hinged head-piece *l* is then adjusted, as in Fig. A, and the sofa-bed is ready for use.

When it is desired to restore the bed to its former condition as a sofa, the end *l* is folded down and the bottom K drawn toward the head of the sofa by pulling strap N, thus releasing pins S and rod T out of the sockets *q R'*, and allowing the bottom *l* to fall. The part I is then slid back to its place.

What I claim is—

The combination of cords *p* and H', pulleys P, pins S, and rod T with the false bottom K and the hollow body H of the sofa, having sockets *q R'*, as shown and described.

WILLIAM E. BUSER.

Attest:

JOHN I. THROCKMORTON,
JOHN M. VANMETER.