

J. K. UNDERHILL.
Sofa-Bedstead.

No. 159,290.

Patented Feb. 2, 1875.

Fig 1.

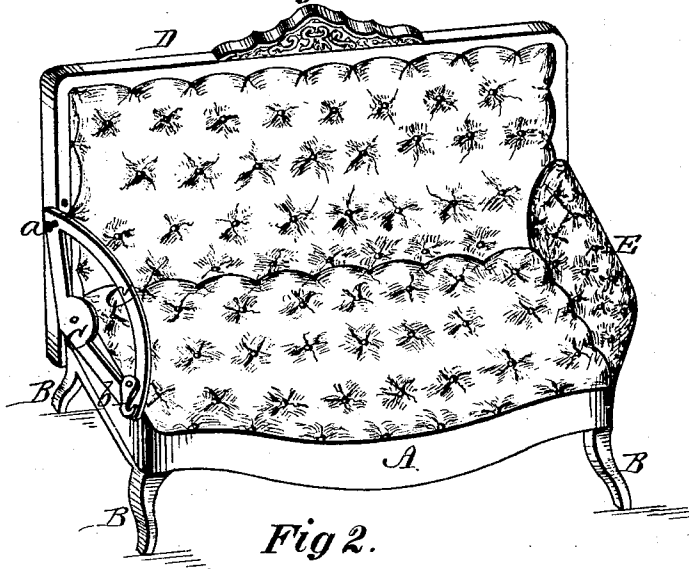


Fig 2.

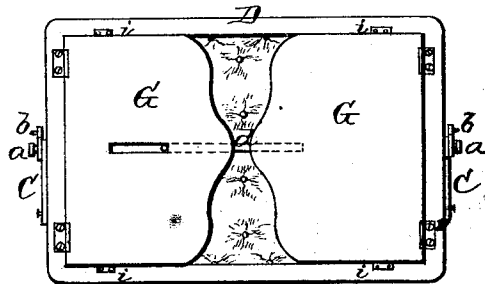


Fig 4.

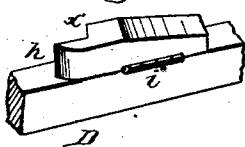


Fig 5.

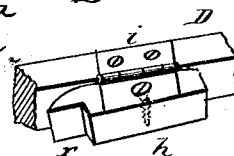
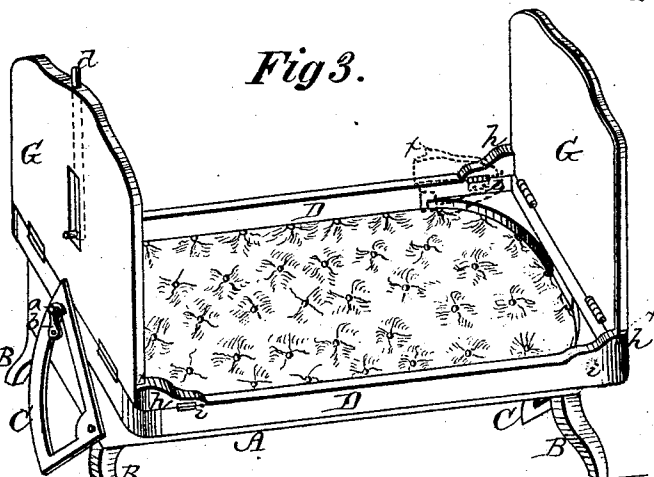


Fig 3.



Witnesses

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UNITED STATES PATENT OFFICE.

JOHN K. UNDERHILL, OF TURLOCK, CALIFORNIA.

IMPROVEMENT IN SOFA-BEDSTEADS.

Specification forming part of Letters Patent No. **159,290**, dated February 2, 1875; application filed October 23, 1873.

To all whom it may concern:

Be it known that I, JOHN K. UNDERHILL, of Turlock, in the county of Stanislaus and State of California, have invented certain new and useful Improvements in Sofa-Bedsteads; and I do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawing, and to the letters of reference marked thereon.

The nature of my invention consists in the construction and arrangement of a sofa which can be converted into a bed, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, which forms a part of this specification, and in which—

Figure 1 is a perspective view of my improved sofa. Fig. 2 is a rear view of the back of the sofa; and Fig. 3 is a perspective view of the sofa when arranged as a bedstead. Figs. 4 and 5 are detailed views of devices used to support the end boards.

A represents the seat-frame of the sofa, which is suitably upholstered, and supported upon legs B B, or otherwise, as desired. On each end of the seat-frame A, near the rear corner, is pivoted a segmental brace, C, the pivot-point thereof being the center of the circle, of which the segment is a part. To the rear ends of the two segmental braces C C is pivoted the back D, by means of pins *a* passing through the braces into the back at or near the center of its ends. On each end of the seat-frame A is pivoted a hook, *b*, which forms a stop for the segmental brace C when the back D is thrown backward in the position shown in Fig. 1 to form the back of the sofa. When in this position, the braces C may be covered by suitable upholstered arm-pieces E, having projecting pins to enter holes in the frames of the seat A and back D.

When it is desired to convert the sofa into a bedstead, the end pieces E are removed, and the back D turned over forward to rest on the seat A, the braces C turning upon their pivots, and, when the back is thus thrown down, it is locked by the hooks *b* fastening upon the pins *a*, as shown in Fig. 3.

On the rear side of the back D, at each end, is hinged a board, G, which two boards form the head and foot boards of the bed when raised up, as shown in Fig. 3. When folded against the rear side of the back D, they are held in place by means of a bolt, *d*, sliding in one board and entering a hole in the other, as shown in Fig. 2.

When the end boards G G are raised up, they are held by means of buttons *h* *h*, placed one at each side of each end board, and cut out with a vertical shoulder or offset, *f*, to bear against the corner of the end board. Each button, *h*, is pivoted to one leaf of a hinge, *i*, the other leaf of which is fastened to the frame of the back, so that, by first swinging the buttons around on their pivots, they can, by means of their hinges, be turned or folded down inside of the frame D, when the end boards G can be folded inward and fastened by the bolt *d*, as above described.

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

1. The combination of the seat-frame A, pivoted segmental braces C C, pivoted back D, pins *a*, and hooks *b*, all substantially as and for the purposes herein set forth.

2. The combination, with the pivoted sofa-back D, of the hinged end boards G and the hinged and pivoted buttons *h*, provided with vertical offsets *f*, all substantially as and for the purposes herein set forth.

JOHN K. UNDERHILL.

Witnesses:

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H. B. UNDERHILL.