

S. M. & S. A. WINN.
Sofa-Bedsteads.

No. 143,553.

Patented Oct. 7, 1873.

Fig. 1.

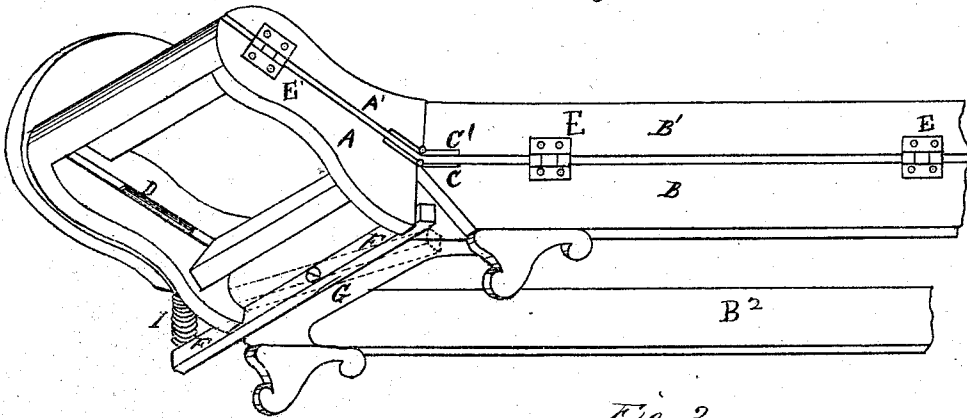


Fig. 2.

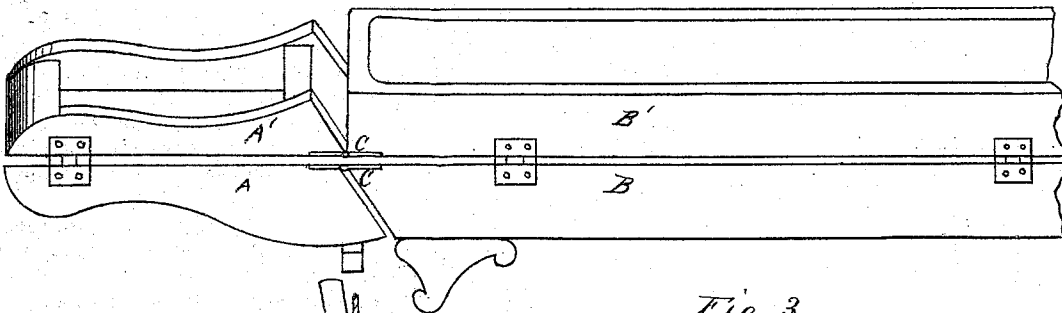
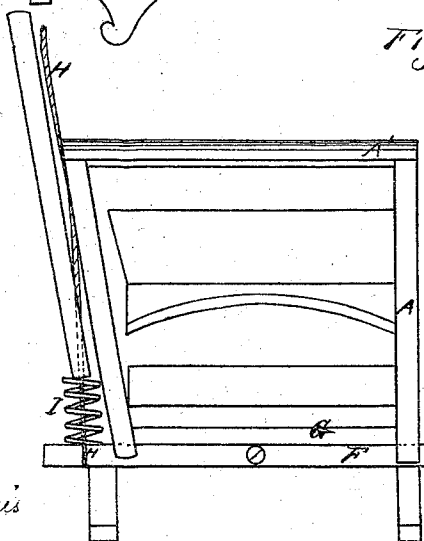


Fig. 3.



Witnesses.

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UNITED STATES PATENT OFFICE.

SAMUEL M. WINN AND SYLVESTER A. WINN, OF SAN FRANCISCO, CAL.

IMPROVEMENT IN SOFA-BEDSTEADS.

Specification forming part of Letters Patent No. **143,553**, dated October 7, 1873; application filed May 17, 1873.

To all whom it may concern:

Be it known that we, SAMUEL M. WINN and SYLVESTER A. WINN, of San Francisco, in the county of San Francisco and State of California, have invented an Improved Bed-Lounge; and we do hereby declare that the following is a full and exact description of the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of our invention consists of certain improvements in the construction of lounges or sofas that are convertible into beds by being opened or extended; and these improvements, which will be more fully described hereinafter, have for their objects to produce a stronger, more compact, and convenient article of furniture than has been done before.

Referring to the accompanying drawings for a more complete explanation of our invention, Figure 1 is a view in perspective of a portion of the frame of a lounge constructed after my invention, the several parts occupying the position they have when the lounge is closed. Fig. 2 is a side elevation of the same with the head-piece turned down to allow the lounge to be opened. Fig. 3 is a back view of the head part of the lounge when it is in the position shown in Fig. 1.

In Fig. 1 of the annexed drawings, B is the lower or stationary portion of the lounge-frame, and B¹ is the folding part of the same, which rests upon the part B when the lounge is closed. A is the head-piece, hinged at C to the stationary frame B, and held up in an inclined position by the lever F, pivoted at G. This head-piece has a secondary head piece or frame, A', attached to it by the hinges E'; and connection with this secondary frame A' and the folding frame B¹ is made by means of the hinges C', one only of these hinges being shown in the drawing. E E are the hinges holding the parts B B¹ together. H is a cord secured to the end of the lever F, and employed to disengage the front end of the lever from the shoulder on the bottom part of the head-frame A when it is desired to open the lounge; and I is a coil-spring acting against the rear end of the lever to hold the opposite end up in place.

When the lounge is closed, as for use in the day-time, the parts occupy the positions shown in Fig. 1; but if it is required to unfold the

lounge, it becomes necessary to let the head part A A' of the frame drop down in order to permit the parts A' B¹ to turn freely upon the hinges E E'. This is effected by withdrawing the front end of the lever F from its position in front of the lower position of the head-piece A. When the parts are in this position, (shown in Fig. 2,) the parts A' B¹ can be readily revolved on the hinges connecting them with the other parts, and turned down so as to occupy a position alongside of and in the same horizontal plane as the non-revolving parts of the frame A B, thus forming an extended surface to receive the bedding. After these parts are unfolded, as described, the head part A A' of the bed-frame can be raised and held in an inclined position by raising them up until the front end of the lever F springs into place again.

The back of the lounge (partly shown in Fig. 1) is secured to the part B² of the stationary portion B of the frame, and is not connected with the head-pieces A A' in any manner, except that it is provided with a projecting ledge, D, which holds up the portion A' of the folding frame, and prevents any excessive strain being thrown upon the lever F, or the other parts beneath.

As thus constructed my improved lounge or sofa is compact, easily operated, and not liable to become deranged or out of order.

The several parts, being positively connected with and attached to each other, are always held in place, and the appearance of the lounge as an article of furniture is not rendered unsightly by any sagging or separation of the parts from each other after being used any length of time.

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

In a bed-lounge, the secondary head-piece A', head-piece A, and folding frame B¹, attached together as described, in combination with the lever F and its connections, as described.

In witness whereof we have hereunto set our hands and seals.

SAML. M. WINN. [L. S.]
SYLVESTER A. WINN. [L. S.]

Witnesses:

C. W. M. SMITH,
PHILIP MAHLER.