

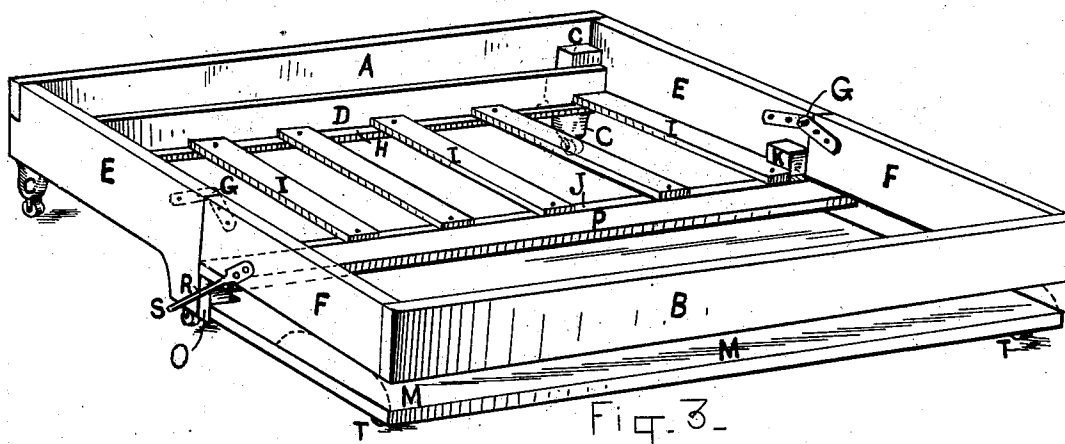
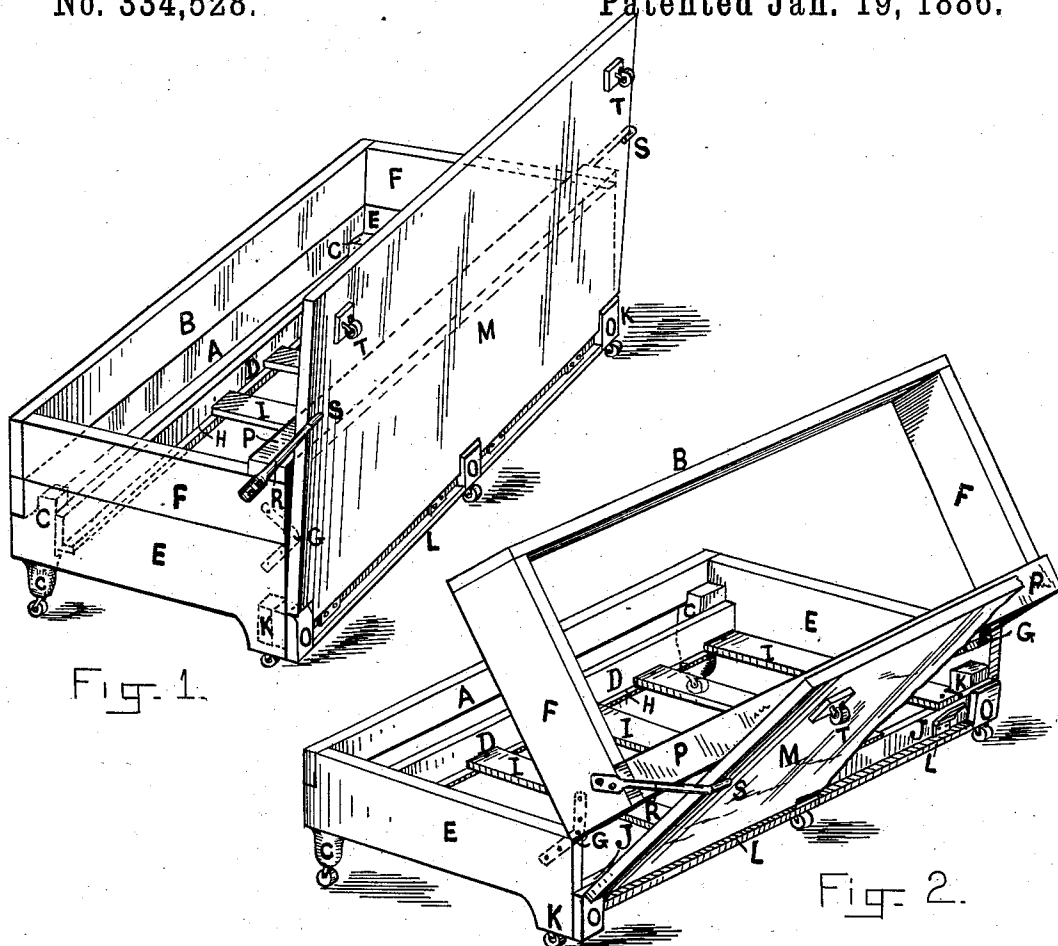
(No Model.)

E. S. HEMMENWAY.

BED LOUNGE.

No. 334,528.

Patented Jan. 19, 1886.



WITNESSES:
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EUGENE S. HEMMENWAY, OF BOSTON, MASSACHUSETTS.

BED-LOUNGE.

SPECIFICATION forming part of Letters Patent No. 334,523, dated January 19, 1886.

Application filed May 21, 1885. Serial No. 166,316. (No model.)

To all whom it may concern:

Be it known that I, EUGENE S. HEMMENWAY, of Boston, in the county of Suffolk and State of Massachusetts, have invented an Improvement in Bed-Lounges, of which the following is a specification.

The objects of my invention are to provide a bed-lounge which opens rearward, or in which the seat may be turned over with the back, so as to rest upon the same when opened, to form a bed for recumbent purposes, and thereby protect the material of the upholstering or covering of both the back and seat from wear or injury; and it consists in the construction, combination, and arrangement of the several parts thereof, as hereinafter described, and specifically set forth in the claims.

Figure 1 represents a perspective view of a lounge-bed frame constructed according to my invention. Fig. 2 represents a similar view thereof in the act of being opened to form a bed. Fig. 3 represents a similar view showing the same opened into position forming a bed for recumbent purposes, the upholstering of the same being omitted to clearly show the construction.

B and A represent the front portion of the lounge-frame. The latter piece, A, is formed quite narrow and secured to the front side of the legs C and end pieces E, as usual, and in order to obtain the requisite depth of frame inside to accommodate the bed-clothing and springs for supporting the upholstering for this portion, side, or half of the bed when open as such, I provide an extra or supplemental portion, D, secured to the rear or back side of the said front legs, C, so as to be hid from view when in position as closed for a lounge or sofa, as seen in Fig. 1, thereby disguising the bed appearance without limiting the necessary space for comfort and convenience. To the said front piece A is connected at each end the end pieces E, and to the said front piece B is connected at each end the end pieces F. The rear ends of the said end pieces E and F are connected with each other at their uppermost or top corners by a strong hinge or pivot joint, G, as shown. To the rear or inward lower edge of the said portion D is secured a narrow strip, H, forming a ledge to support the cross-slats I, upon which the ends of the usual springs have a bearing

when secured thereon, as heretofore, the rear ends of the said cross-slats resting upon the upward edge of the rear supporting frame-piece, J, secured to the lower portion of the back legs, K, and from the lower edge of said frame-piece J projects a ledge-piece, L, which supports the lower edge of the back portion M, hinged to the said frame-piece J, when the said back portion M is turned down, as shown in Fig. 3. The rear ends of the said end pieces E are secured to the rear legs, K, and the rear hinged ends of the said end pieces F are connected by the narrow flat or horizontal strip P, which rests upon the upward ends of the short blocks O, secured to the said frame-piece J, when the said strip P is turned over and the bed-frame is opened, as shown in Fig. 3. Thus it will be seen that the central portion of the open bed-frame is without a central connecting vertical frame or strip extending in line with the joint of the hinged end pieces, as heretofore constructed, to open forward, or in the opposite direction, wherein the front pieces of the frame are hinged together, and when the bed-frame is open forms an objectionable obstruction through the center portion of the bed, extending from head to foot. The said back portion M, when turned up vertical or in position to form the back of a sofa or lounge, is held and supported rigidly by means of the oblique braces R, one end of which being secured to the end pieces F and the opposite upward ends bent inward at right angles, so as to form short hooks S, which contact with the rear of the back portion M at each end thereof, and, when the said bed-frame is in the act of being opened, support the said back M as it is lowered, as shown in Fig. 2, until nearly into an open horizontal position, and resting upon the casters T, secured thereon, as shown, when they (the said hook-braces) pass into the position shown in Fig. 3. Now, it will be seen that if the bed-frame portion B F be turned forward at the commencement of the operation of closing up the same the said brace-hooks S contact with the under side of the hinged back M and raise it up automatically, as shown, the said hooks S sliding along over the surface of the extreme ends of the back in the operation, and when raised into a vertical position, as shown in Fig. 1, the notches formed in the lower edge of the back

M permit it to have a bearing and rest upon the upward ends of the said support-blocks O, as shown, thus forming a very strong rigidly-supported bed-frame when opened, and sofa or lounge frame when closed. The arms or head-piece or head-pieces, being of any well-known construction, are not shown. It will be seen that the said end pieces E project downward below the said front piece A, or, in other words, it will be observed that the said front piece A is only about one-half as wide as the other pieces forming the vertical sides and ends of the main bed-frame. The oblique hook-braces R S may be omitted and the said back M secured in a vertical position by means of common hooks and screw-eyes, or in any other suitable manner so that it may be disconnected and turned down horizontally first, then the top half or bed-frame B F F P be turned over thereon, without departing from the essential features of my invention.

I am aware that sofa-beds have heretofore been constructed to open rearward, with the top portion of the seat-frame and back turned over separately; therefore I do not claim such.

Having thus described my invention, what I claim is—

1. In a lounge or sofa bed, the back and top portion of the seat-frame hinged to the lower portion of the frame, and the oblique actuat-

ing hook-braces S R, adapted to slide on the back, whereby the said back and top portion of the seat-frame are both turned down backward simultaneously, substantially in the manner described, as and for the purposes set forth.

2. The combination, with the hinged frame A E E P and back portion M, of the oblique actuating-braces S R, adapted to slide upon the back in opening and closing the lounge-bed, as described.

3. In a lounge or sofa bed, the narrow front piece A, secured to the front side of the legs C, and the supplemental portion D, secured to the back side of the said legs, as described, and for the purposes set forth.

4. The combination, with the rear frame-piece, J, of the ledge-piece L and back portion M, hinged to the said portion J, so as to rest thereon when turned down to a horizontal position, as described.

5. The combination, with the rear frame-piece, J, of the support-blocks O and frame-pieces B, F F, and P, hinged to the end pieces E E, so that the said strip P will rest on the said blocks O when turned down to a horizontal position, as set forth.

EUGENE S. HEMMENWAY.

Witnesses:

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