





O. STECHHAN.  
FOLDING-LOUNGE.

No. 171,060.

Patented Dec. 14, 1875.

Fig. 4.

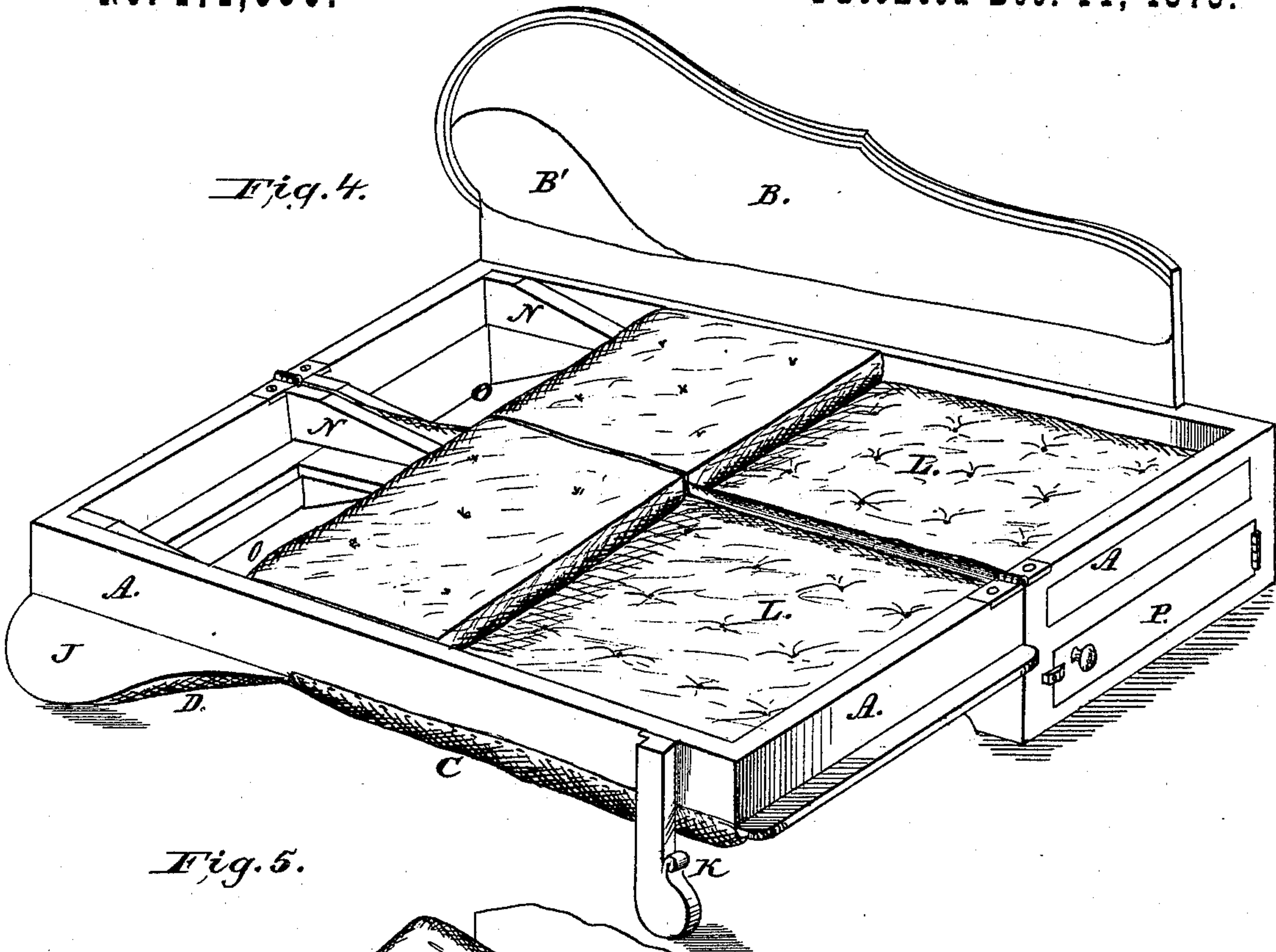
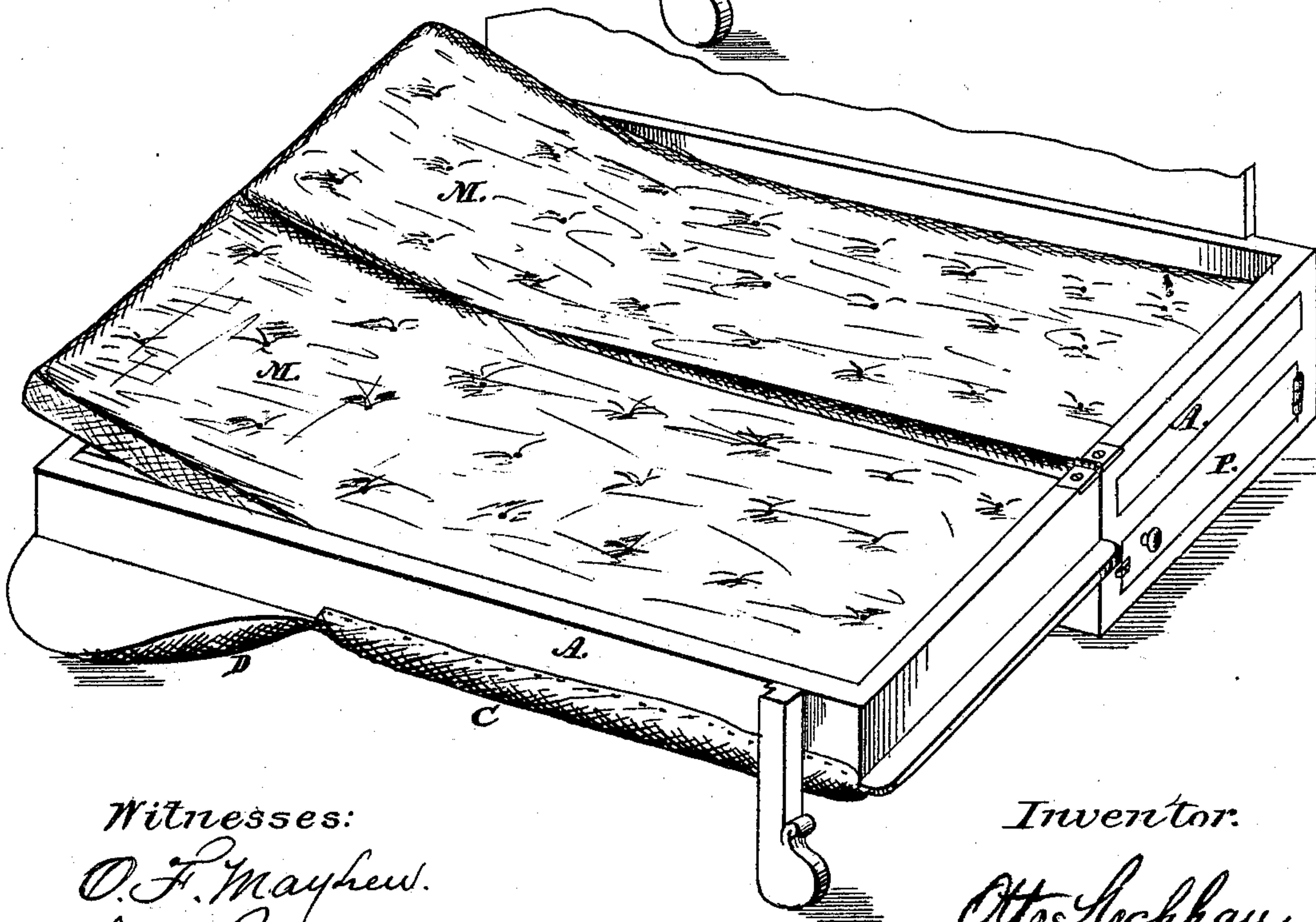


Fig. 5.



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## IMPROVEMENT IN FOLDING LOUNGES.

Specification forming part of Letters Patent No. **171,060**, dated December 14, 1875; application filed January 24, 1874.

*To all whom it may concern:*

Be it known that I, OTTO STECHHAN, of Indianapolis, in the county of Marion and the State of Indiana, have invented a new and valuable Improvement in Folding Lounges; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

This invention relates to that class of lounges in which the body or seat is made in two parts that are hinged together longitudinally, so as to be opened out to form a bed; and it consists in the head-rest of the lounge made readily adjustable in elevation to the requirements of the person occupying the lounge, and also in the construction and arrangement of the parts, as will be hereinafter more fully set forth.

Figure 1 is a vertical longitudinal section of a folding lounge embodying my invention. Fig. 2 is a view of the head end, and Fig. 3 is a view of the foot. Figs. 4 and 5 are perspective views of the open lounge, showing the arrangement of the inclined folding head-rest.

In the accompanying drawings, A is the frame-work of the lounge, having at its head end inclined supporting-blocks; B, the back; C, the upholstered top of the lounge proper; D, upholstered head-rest, being a continuation of the top C. The head-rest D is hinged by its lower end to the lounge-frame, and the top end rests on the spiral springs E. A cord, F, is attached to the upper end of the frame-work of the head-rest D, and passes downward under a pulley, G, and out through a hole in the front board H, and has a tassel, I, attached to its outer end. There are also several knots, *a*, on the cord, by means of which I can adjust the head-rest D to any required angle to accommodate the person lying on the lounge. The hole in the front piece H is of the old style key-hole form, so that the knots may pass through the upper part; but when the cord is pushed down into the bottom part, the knots prevent it from slipping back. This arrangement also provides a convenient

means by which the head-rest may be pulled down within the front and back boards H and J, so as to keep the top of the head-rest from touching the floor when the upper half of the lounge is turned down to form the bed, in which case the back piece J forms the front foot at the head to support it, while the foot end is supported by the piece K, which, when the lounge is closed up, forms a finish to the foot end of the back B. The mattresses L are made with springs in the usual manner, but are sunk into the frame A, as shown, so as to afford a space between them when folded together, which serves the double purpose of accommodating the head-rest M and a portion of the bed clothing in the remainder of the space. The head-rest M is made in two frames that are hinged to the principal frame A. These frames are upholstered by covering the top surface with ticking, which is a continuation of that which covers the mattresses in the body of the lounge, and the backs or under sides with canvas, and stuffing between with any usual material.

By this construction and arrangement of the head-piece M, I am enabled to make it of such length, and hinge it to the frame A in such position, as, when unfolded, it will make a bed of unusual length in a lounge of the same or of less than usual length, and at the same time such as can be readily and conveniently folded, as indicated by Figs. 4 and 1.

Fig. 5 shows the head-piece opened out, so as to form the whole into a bed. Fig. 4 shows the first step in closing up the lounge, and Fig. 1 the position of the head-piece when entirely closed up. When the head-rest is opened out, as shown in Fig. 5, it rests on the inclined blocks N of the frame A.

In order to form additional space for the reception of bed clothing, I utilize the angular spaces O O' at the head and foot of the lounge. Access to the space O' at the foot is had by a door, P. The space at the head extends from the flooring of the space O to the under side of the head-rest D, so that by placing the clothing in the space O, it may be piled in height not exceeding the under side of the head-rest D.

The back is upholstered in such a manner, that the back-piece J, which also forms the

foot at the head end when opened out, will be neatly housed in the space B' when the lounge is closed up.

I am aware that it is not new to attach to the folding section of a lounge a piece which will serve as a supporting-foot for the said section when it is open, and a continuation of the back of the lounge when the section is closed, and therefore I do not claim such invention.

What I claim as new, and desire to secure by Letters Patent, is—

1. The head-piece D of a lounge proper, sup-

ported by the springs E, and adjusted vertically by means of the knotted cord I, substantially as and for the purpose set forth.

2. The frame A, provided with the inclined blocks N, as described, whereby, when the hinged frame is opened or unfolded, the head sections of the mattress are supported by the inclined blocks, substantially as set forth.

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Witnesses:

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