

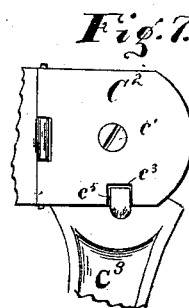
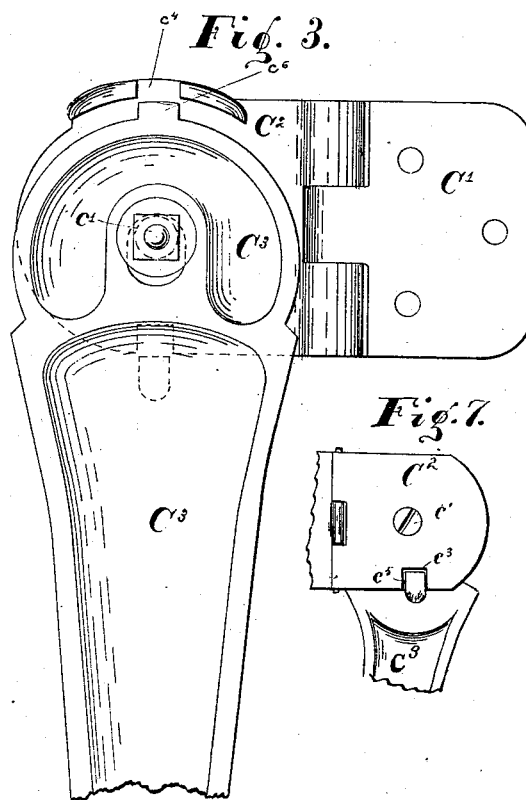
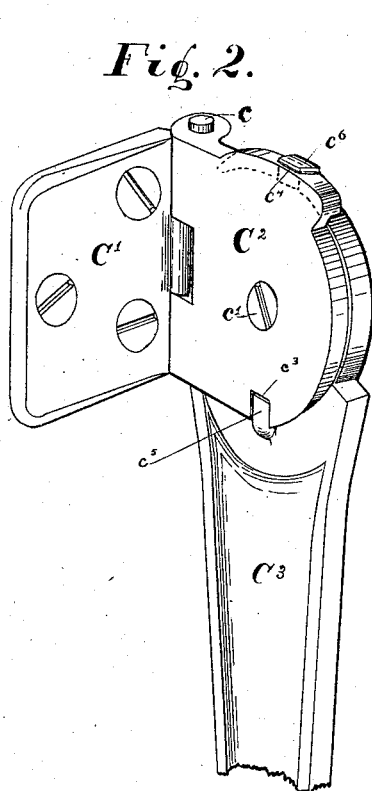
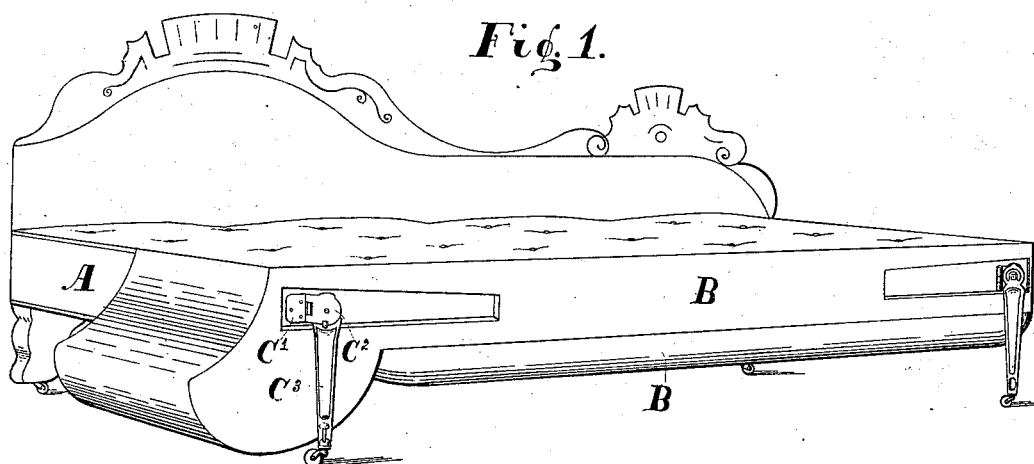
(No Model.)

O. STECHHAN.  
BED LOUNGE.

2 Sheets—Sheet 1.

No. 347,446.

Patented Aug. 17, 1886.



WITNESSES:

Chas. A. Suffrins,  
Chas. B. Thurber.

INVENTOR.

Otto Stechhan,

C. Bradford,  
ATTORNEY.

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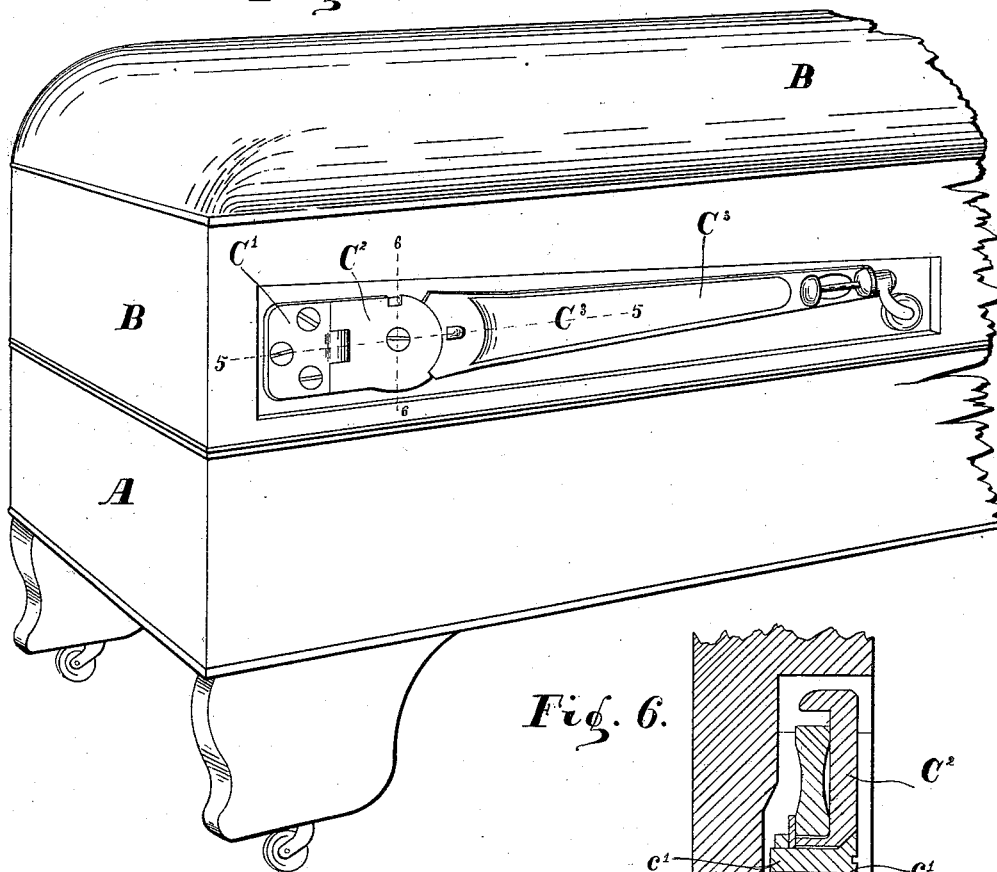
2 Sheets—Sheet 2.

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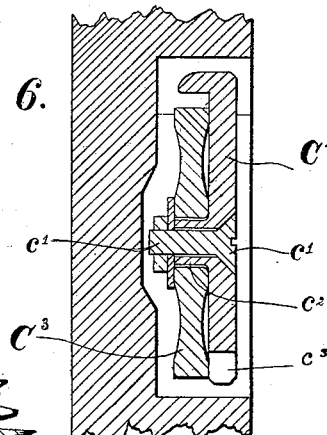
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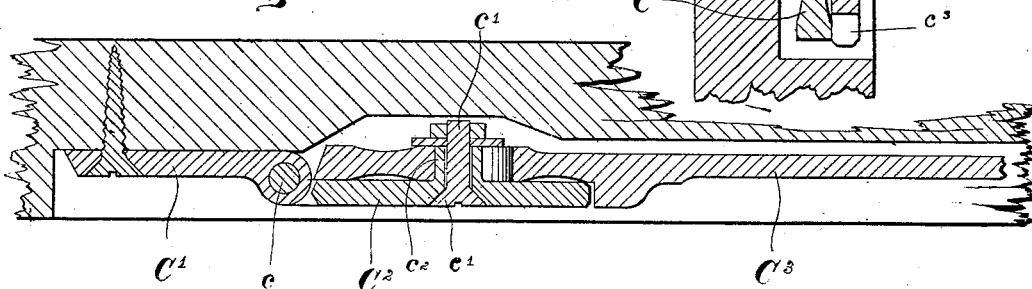
*Fig. 4.*



*Fig. 6.*



*Fig. 5.*



WITNESSES

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# UNITED STATES PATENT OFFICE.

OTTO STECHHAN, OF INDIANAPOLIS, INDIANA.

## BED-LOUNGE.

SPECIFICATION forming part of Letters Patent No. 347,446, dated August 17, 1886.

Application filed May 1, 1886. Serial No. 200,797. (No model.)

*To all whom it may concern:*

Be it known that I, OTTO STECHHAN, of the city of Indianapolis, county of Marion, and State of Indiana, have invented certain new and useful Improvements in Bed-Lounges, of which the following is a specification.

The object of my said invention is to produce a leg for folding or bed lounges, which can be folded in out of the way when the lounge is closed up, and can be drawn out for use upon opening the lounge, without interfering with the ordinary lounge construction.

Heretofore, when legs of this character have been attached to the folding portion of the lounge, it has been necessary, in order to permit them to be folded in without affecting the lounge construction, that the back should be made sufficiently shorter than the main portion to permit the legs to pass its ends. These short backs are a disadvantage; and my invention consists in forming a double-hinged leg, which may be folded into a groove or recess entirely out of the way, and thus permit the back to be made of the full length.

Referring to the accompanying drawings, which are made a part hereof, and on which similar letters of reference indicate similar parts, Figure 1 is a perspective view of an open bed-lounge provided with legs constructed in accordance with my invention; Fig. 2, a perspective view of the upper portion of one of said legs separately; Fig. 3, a rear side elevation of the same, the leg proper being drawn down somewhat and the interlocking lugs or projections and notches disengaged; Fig. 4, a perspective view of a portion of the rear side of the lounge, with the back removed, showing the leg in the recess; Fig. 5, a longitudinal sectional view on the dotted line 5 5; Fig. 6, a transverse sectional view on the dotted line 6 6 in Fig. 4, and Fig. 7, a detail view similar to a portion of Fig. 2, except that but one lug and notch are shown for locking the parts  $C^2$  and  $C^3$  of the hinge, instead of two, as shown in the principal figures.

In said drawings the portions marked A represent the main or permanent frame of the lounge; B, the folding section, and  $C^1 C^2 C^3$  the several portions of my improved leg. The main portion A, as shown, is of an ordinary construction, and its back extends to the full

length, or whatever length desired. The folding section B is hinged, as usual, to the front edge of the main or permanent section A. In its rear side, which forms the front edge of the bed when the lounge is unfolded, are formed grooves or recesses, and in these grooves or recesses are secured my improved legs. The legs consist, as stated, of three portions,  $C^1 C^2 C^3$ . The first portion,  $C^1$ , is secured fast to the frame of the folding section B in the bottom of the groove or recess just described. The second portion,  $C^2$ , is hinged to this first portion, and the third portion,  $C^3$ , is hinged or pivoted in the other direction to said second portion. The hinge-connection between the first and second portions is any hinge which may be desired. The ordinary form of hinge, connected by a pintle or pivot,  $c$ , is shown. The second and third portions of the leg are pivoted together by a pivot,  $c'$ , so as to both be held in the same plane, the two flat surfaces of said portions resting together. Instead of having the bearing of the third portion directly on the pivot, I preferably form an annular projection,  $c^2$ , on the second portion,  $C^2$ , which extends through the slot in the third portion,  $C^3$ , and serves as such bearing. The hole through the third portion is elongated, so as to have something of a movement over the pivot or bearing, as well as around it, and notches  $c^3 c^4$  are provided in one portion, and corresponding projections,  $c^5 c^6$ , upon the other, which interlock when the leg is swung down. Because of the slot just described these notches and projections can be disengaged by pulling the swinging or third portion,  $C^3$ , out slightly when it is not in use as a leg, thus pulling said projections  $c^5 c^6$  out of said notches  $c^3 c^4$ , as will be readily understood, and when thus pulled out it can be swung around in line with the first and second portions, and then, by means of the hinge-connection between said first and second portions, the second and third portions may be swung into the groove or recess in the frame, and thus be entirely out of the way. In Fig. 7 I show the locking device as consisting of but one lug and notch, which may be used when preferred, as will be readily understood. By means of this double-hinged leg, therefore, and the groove or recess in the folding portion of the frame, I am enabled to obviate the diffi-

culties heretofore attendant upon the use of legs in this position.

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

1. The combination, with a bed-lounge, of a leg consisting of a part firmly secured to said lounge, a part hinged thereto, and a part pivoted to said hinged part, and arranged to turn down and rest upon the floor, or up into line with the horizontal extension of said hinged part, whereby said several parts may be brought into a substantial straight line with each other when desired, substantially as set forth.

2. In a bed-lounge, the combination of the part A, hinged part B, and the leg consisting of the part C', secured to said part B of the lounge, the part C<sup>2</sup> hinged to said part C', and the part C<sup>3</sup> pivoted on said part C<sup>2</sup>, the pivot connecting them being mounted in a slot in one of said parts, and interlocking notches and lugs on said parts C<sup>2</sup> C<sup>3</sup>, for locking said part C<sup>3</sup> in vertical position, substantially as shown and specified.

3. The combination, with the folding por-

tion of a bed-lounge having grooves or recesses in its frame, of a leg consisting of three portions, one of which is firmly secured in said recess, a second hinged to the first and adapted to swing outwardly from said frame-work, and the third hinged or pivoted to the second and adapted to swing downwardly in a plane at right angles with the motion of the second portion.

4. The combination, in a leg for bed-lounges, of the part C', part C<sup>2</sup>, hinged to said part C' and forming an ordinary hinge therewith, and the part C<sup>3</sup>, pivoted to said part C<sup>2</sup> on a horizontal pivot, one of said pivoted parts being slotted, and said pivot being mounted in said slot, whereby said slotted part is adapted to slide as well as swing on said pivot, substantially as set forth.

In witness whereof I have hereunto set my hand and seal, at Indianapolis, Indiana, this 27th day of April, A. D. 1886.

OTTO STECHHAN. [L. S.]

Witnesses:

C. BRADFORD,

CHARLES L. THURBER.