

F. W. LAMMERS.

SOFA-BEDSTEAD.

No. 185,684.

Patented Dec. 26, 1876.

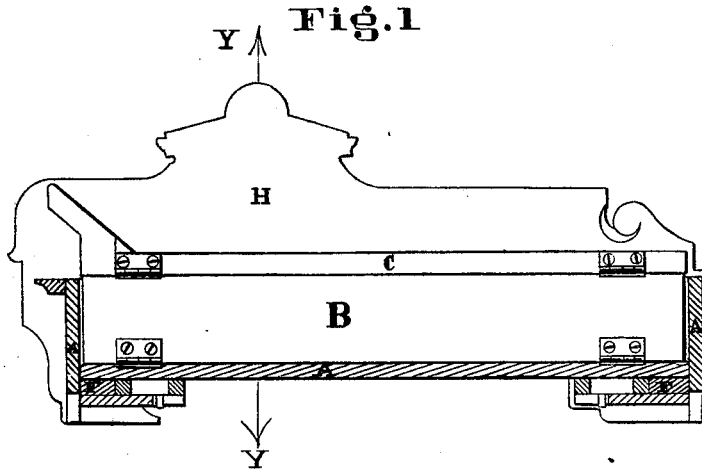


Fig. 2

Fig. 3

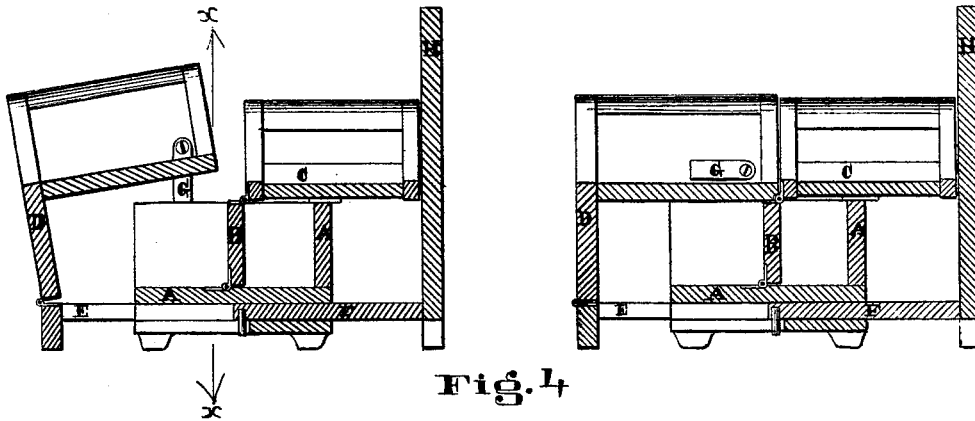


Fig. 4

Attest  
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# UNITED STATES PATENT OFFICE.

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## IMPROVEMENT IN SOFA-BEDSTEADS.

Specification forming part of Letters Patent No. **185,684**, dated December 26, 1876; application filed April 12, 1876.

### *To all whom it may concern:*

Be it known that I, FREDERICK W. LAMMERS, of Cincinnati, in the county of Hamilton and State of Ohio, have invented a new and useful Improvement in Sofa-Bedsteads, which improvement is fully set forth in the following specification, reference being had to the accompanying drawing.

This invention is an improvement in sofa-bedsteads; and consists, first, in a central supporting-frame, which has hinged within it a folding bed-frame, adapted to be raised to a level with the seat-frame, and supported in place by the central frame when the lounge is extended, and folded within the central frame to permit the lounge to be closed, and in so hinging the seat-frame that it can be turned forward to permit the folding or unfolding of the bed-frame either under or from under it; and, second, in adjustably securing the back and seat-frame to the central frame by double slides secured to the under side of the central frame, so that when the lounge is extended but one-half of the slides will be withdrawn from their rests, and thus a smooth, even movement of the parts is secured and all injury from locking of the slides prevented.

In the drawing, Figure 1 is a longitudinal vertical section through the line *xx* of Fig. 2, and looking to the back of the lounge. Fig. 2 is a vertical cross-section through line *yy* of Fig. 1, showing the seat-frame elevated to permit the bed-frame C to be brought to its elevated or folded position. Fig. 3 is a similar view, with the seat-frame and bed frame in the position they are intended to occupy when the lounge is extended to be used as a bed; and Fig. 4 is a like view, showing the lounge in its folded condition.

A is the central supporting-frame, composed of bottom, back, and two end pieces, thus forming a box when the lounge is closed, which prevents all dust from soiling the bed-

ding. The back of this frame supports the bed-frame when the lounge is in the positions shown in Figs. 1, 2, and 3. The bed-frame C has a wing, B, hinged to its lower front corner. The other edge of the wing B is hinged in the center of the bottom of frame A. D is the seat-frame, the front of which is hinged just above the front feet, and to the head of this frame is pivoted the prop G, so that when the seat-frame is turned forward it will drop of its own weight to the position shown in Fig. 2, and its lower end, resting on the end of frame A, will sustain the seat-frame in the position shown in this figure while the seat-frame C is being folded or unfolded. E are the front and F the back slides, which are intended to slide in rests secured underneath the frame A. They are made as long as the frame A is wide, but slide out only half their length. This arrangement permits the ordinary wooden slide to be used, as one-half of the slide is always in its bearing or rest, and there is no danger of their being broken by careless handling or uneven pushing on either end of the lounge in closing it.

I claim—

1. The combination, substantially as specified, of the central frame A, the folding bed-frame C, linked thereto by wing B, and the sliding seat-frame D, jointed as shown, so that it may be temporarily swung forward to allow of the folding or unfolding of the bed-frame C.

2. The combination, substantially as specified, of the seat-frame D and lounge-back H, adjustably secured to central frame A by slides E and F, so as to permit the lounge to be extended its full width for a bed, while sufficient of the slides are retained within their rests to prevent weakening of the frame.

FREDERICK W. LAMMERS.

Witnesses:

GEO. J. MURRAY,  
JAMES MOORE.