

F. H. LAMB.  
Bed-Lounge.

No. 223,234.

Patented Jan. 6, 1880.

Fig. 1.

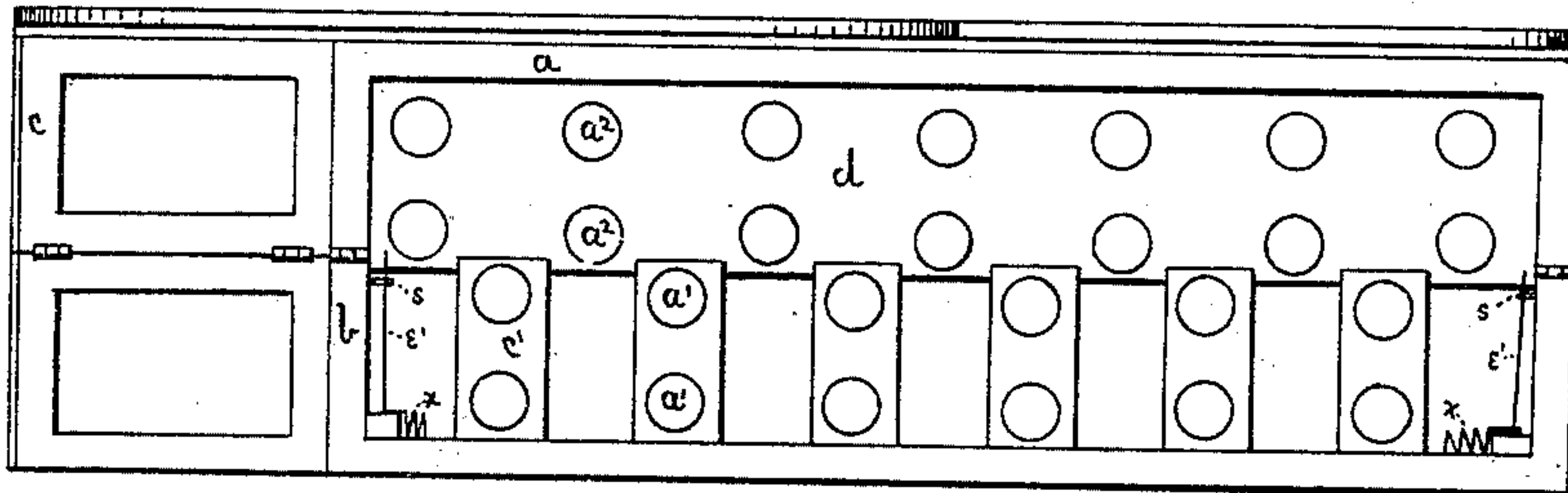


Fig. 2.

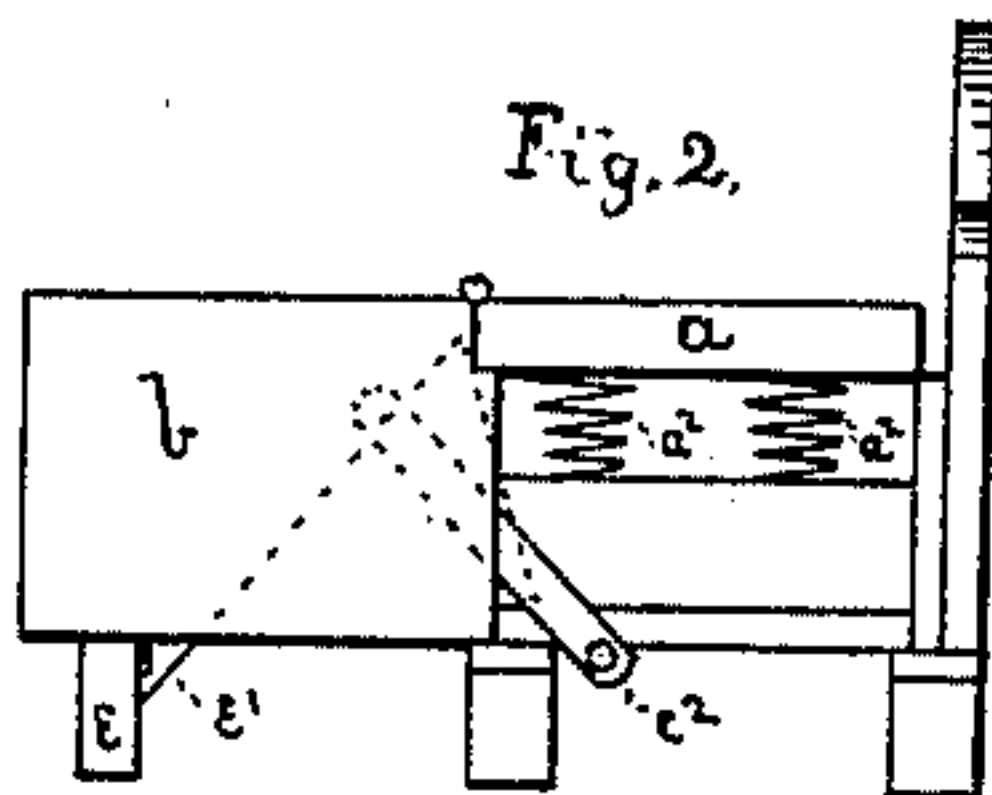


Fig. 3.

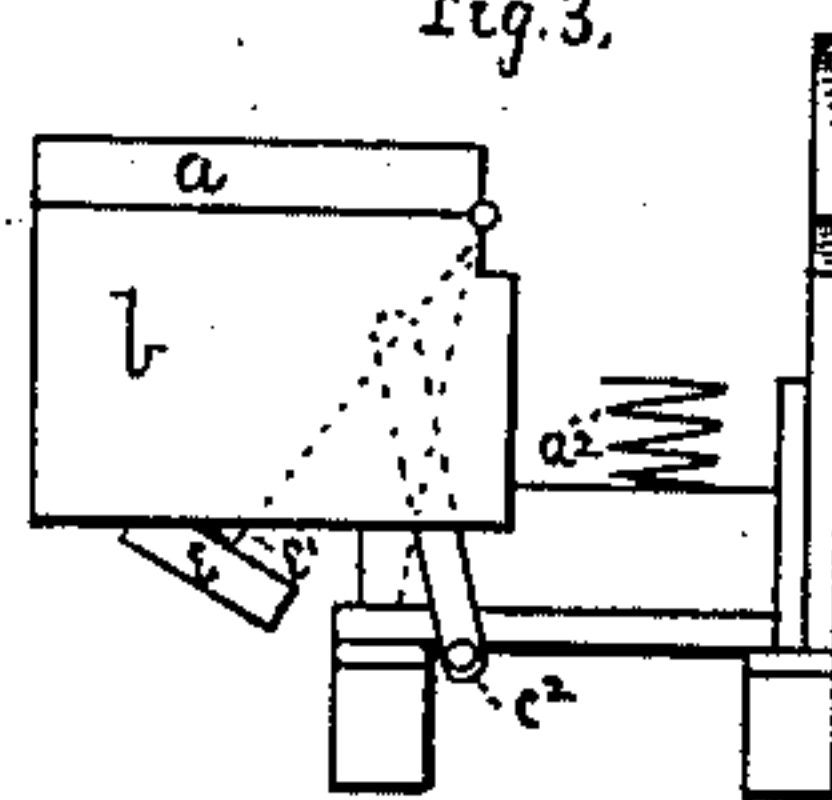


Fig. 4.

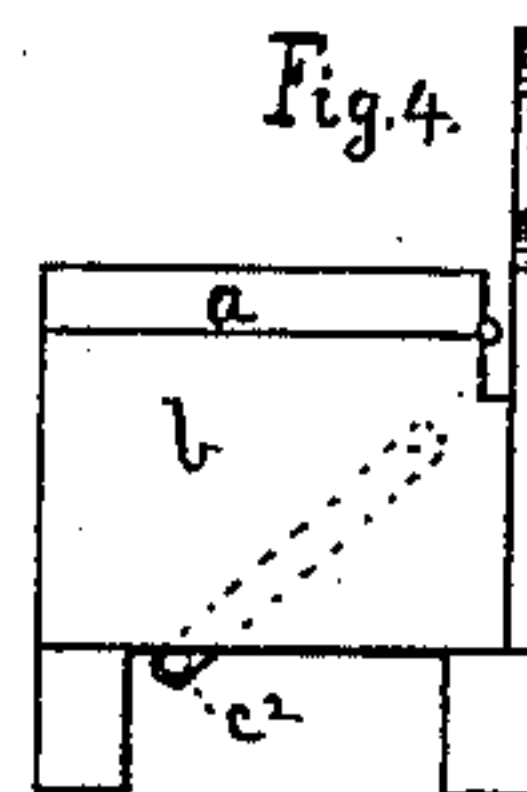
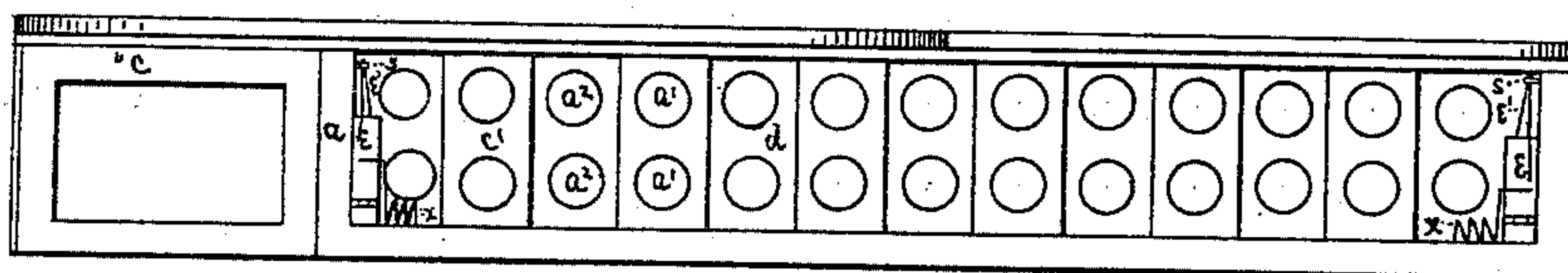


Fig. 5.



Witnesses  
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# UNITED STATES PATENT OFFICE.

FRANCIS H. LAMB, OF RAVENNA, OHIO.

## BED-LOUNGE.

SPECIFICATION forming part of Letters Patent No. 223,234, dated January 6, 1880.

Application filed August 11 1879.

*To all whom it may concern :*

Be it known that I, FRANCIS H. LAMB, a resident of Ravenna, Portage county, Ohio, have invented a new and useful Improvement in Bed-Lounges, of which the following is a specification.

The invention relates to spring bed-lounges.

The object of my invention is a bed-lounge provided with an upper swinging section and a lower section or bottom, connected at their ends by pivoted arms, in combination with a cord and spring for operating the folding leg of the swinging section, the ends of the cord being attached to the bottom and to the leg, and intermediately connected with the end board of the swinging section.

In the drawings, Figure 1 represents the lounge in the form of a bed. Fig. 2 is a foot-end elevation of the bed-lounge when unfolded. Fig. 3 is a foot-end elevation of the bed-lounge when being folded. Fig. 4 is a foot-end elevation of the bed-lounge when folded. Fig. 5 is a top view of the lounge when closed.

The upper part of the bed-lounge is composed of hinged sections *a* and *b*, and also the hinged section *c*, which forms part of the head. Section *b* is composed of front and end boards and slats *c'*, projecting horizontally at right angles from the bottom of the front board, to which they are attached.

To the top of the slats *c'* springs *a'* are attached, and corresponding rows of springs *a''* are attached across the bottom *d* of the lounge. When the lounge is closed slats *c'*, with their springs *a'*, rest between the rows of springs *a''* on the bottom *d*.

At the foot of the lounge arm *c<sup>2</sup>* connects bottom *d* with the end board of section *b*. A similar arm connects section *b* with bottom *d* between the head and body of the lounge. The hinged legs *e e* support section *b* when the lounge is open. The leg *e* is connected with

bottom *d* by a cord, *e'*, which passes through a staple, *s*, on the inner side of the end board of section *b* near the top. A spring, *x*, is attached to the inside of the front board of section *b*, and presses against the inner side of leg *e*.

The functions and operation of the various parts described are as follows: When the lounge is open, forming a bed, as shown in Figs. 1 and 2, the free ends of the slats *c'* are supported by bottom *d*. The sections *a* and *b*, with their heads, should be upholstered. In closing the lounge, section *c* should first be turned or folded down on the head of section *b*. Section *a* may then be turned over onto section *b*. By raising section *b* it turns with arm *c<sup>2</sup>*, causing the cord *e'* to slide through its staple *s*, Figs. 1 and 5, which raises and turns leg *e* on its hinge, as shown in Fig. 3. The continued turning of arm *c<sup>2</sup>* carries section *b* into the position shown in Figs. 4 and 5, and by the drawing of cord *e'* places leg *e* on bottom *d*.

In opening the lounge to form a bed the movements of the various parts described are reversed. The spring *x*, pressing on leg *e*, forces it into a perpendicular position. The relative positions of the ends of arms *c<sup>2</sup>* on bottom *d* and section *b* should be such as to carry section *b*, as described.

I claim as my invention—

The cord *e'*, having its ends attached to leg *e* and bottom *d*, and intermediately connected with the end board of section *b*, leg *e*, and spring *x*, in combination with the swinging section *b* and bottom *d*, connected at their ends by pivoted arms *c<sup>2</sup> c<sup>2</sup>*, substantially as described.

F. H. LAMB.

Witnesses:

BRADFORD HOWLAND,  
GEO. F. ROBINSON.