

(No Model.)

J. LOWTH.

LOUNGE.

No. 248,868.

Patented Nov. 1, 1881

Fig. 1.

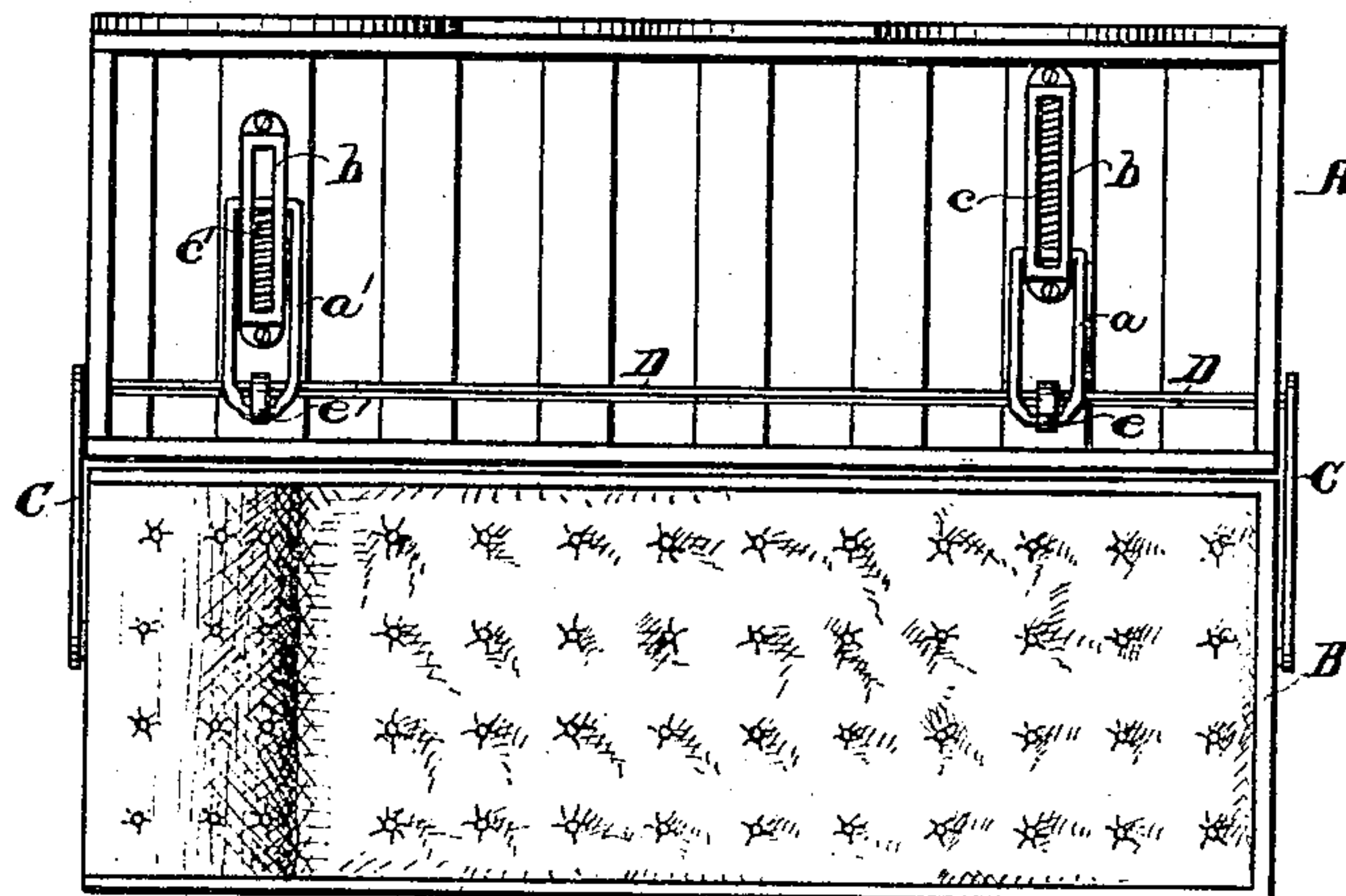
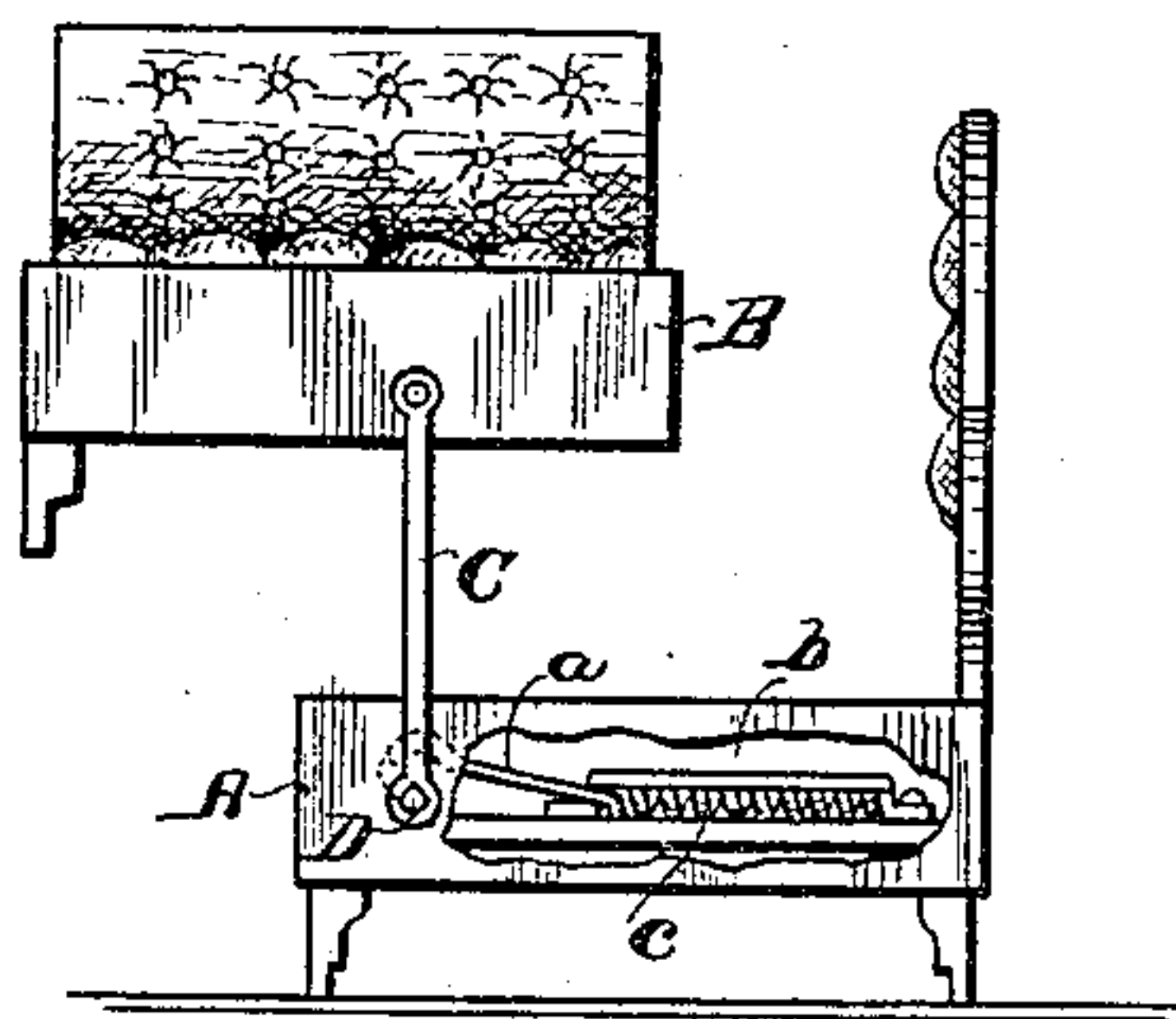


Fig. 2.



Witnesses.
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LOUNGE.

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Application filed April 25, 1881. (No model.)

To all whom it may concern:

Be it known that I, JAMES LOWTH, of Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Lounges, of which the following, in connection with the accompanying drawings, is a specification.

The object of my invention is an improvement on Patent No. 85,391; and it consists in attaching lifting-springs to the longitudinal shaft, or in any other position in which they will lift the top or shell when the lounge is being opened or closed.

In the drawings, Figure 1 is a vertical or plan view of the lounge, showing the application of the lifting-springs. Fig. 2 is an end view.

Like letters of reference indicate like parts.

In the drawings, A, Fig. 1, represents the stationary part of the lounge; D D, the shaft; C C, the pivoted arms, and B the top or shell. *c' c* are spiral springs; *b b*, fastenings for same; *a' a*, links for compressing springs; and *e' e*, short cranks on shaft, to which links are connected.

When the lounge is open, as shown in Fig.

1, to form a bed, the link *a'* is drawn forward by the crank *e'*, compressing the spring *c'*. When the lounge is being closed the spring *c'* will react, causing the shaft and its pivoted arms to revolve, thereby lifting the top or shell to the position shown at B, Fig. 2. When the top is in the position as shown at B, Fig. 2, the spring *c'*, Fig. 1, ceases to act, and as the top is closed the spring *c* is compressed by the link *a*. When the lounge is to be opened the spring *c* will react and raise the top to the position as shown at B, Fig. 2.

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

1. A spring for lifting the top of said lounge when opening or closing the same.

2. The combination of the cranks *e' e*, links *a' a*, and springs *c' c* with shaft D, as shown, and to operate as specified.

JAMES LOWTH.

Witnesses:

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