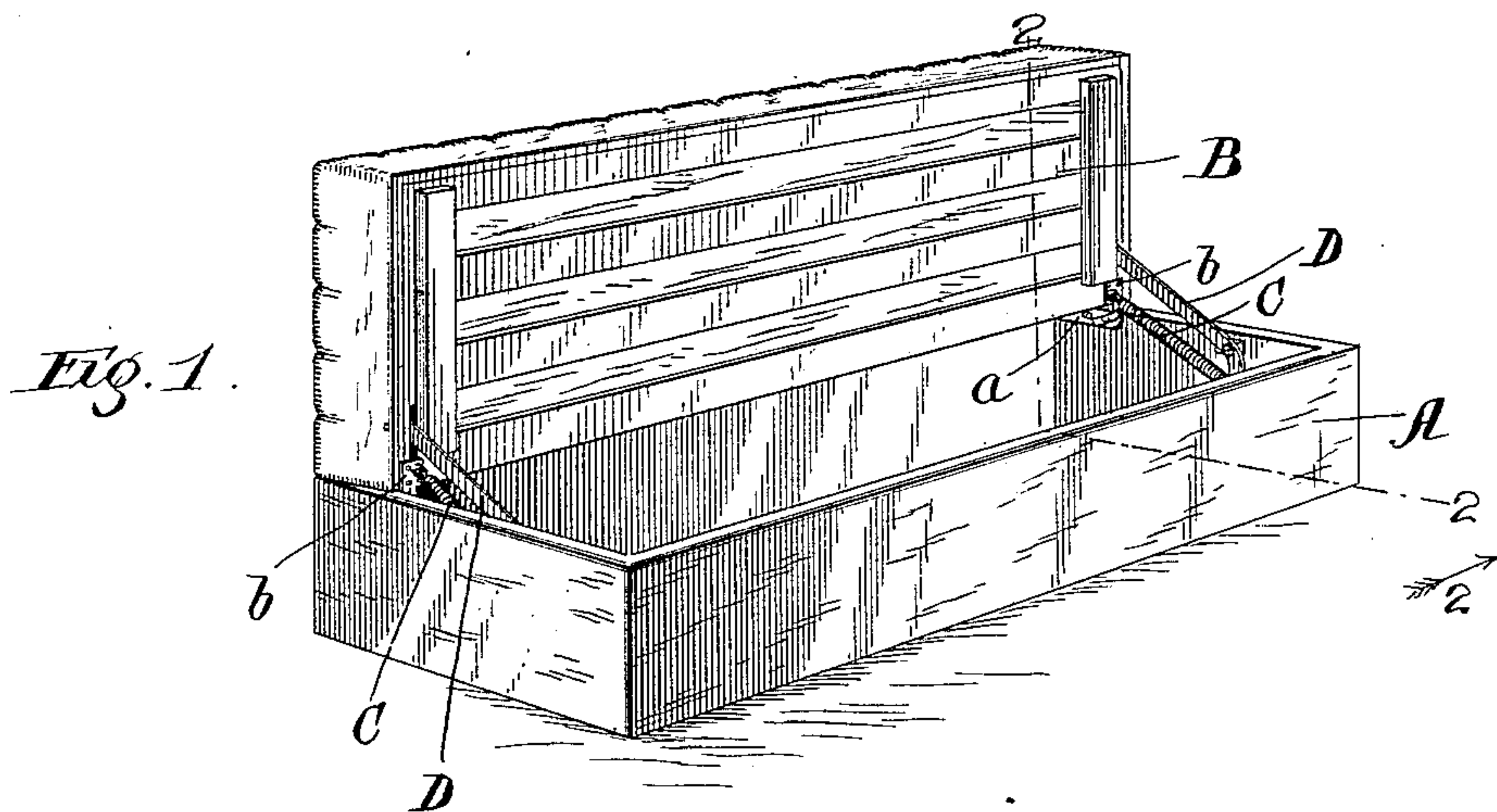


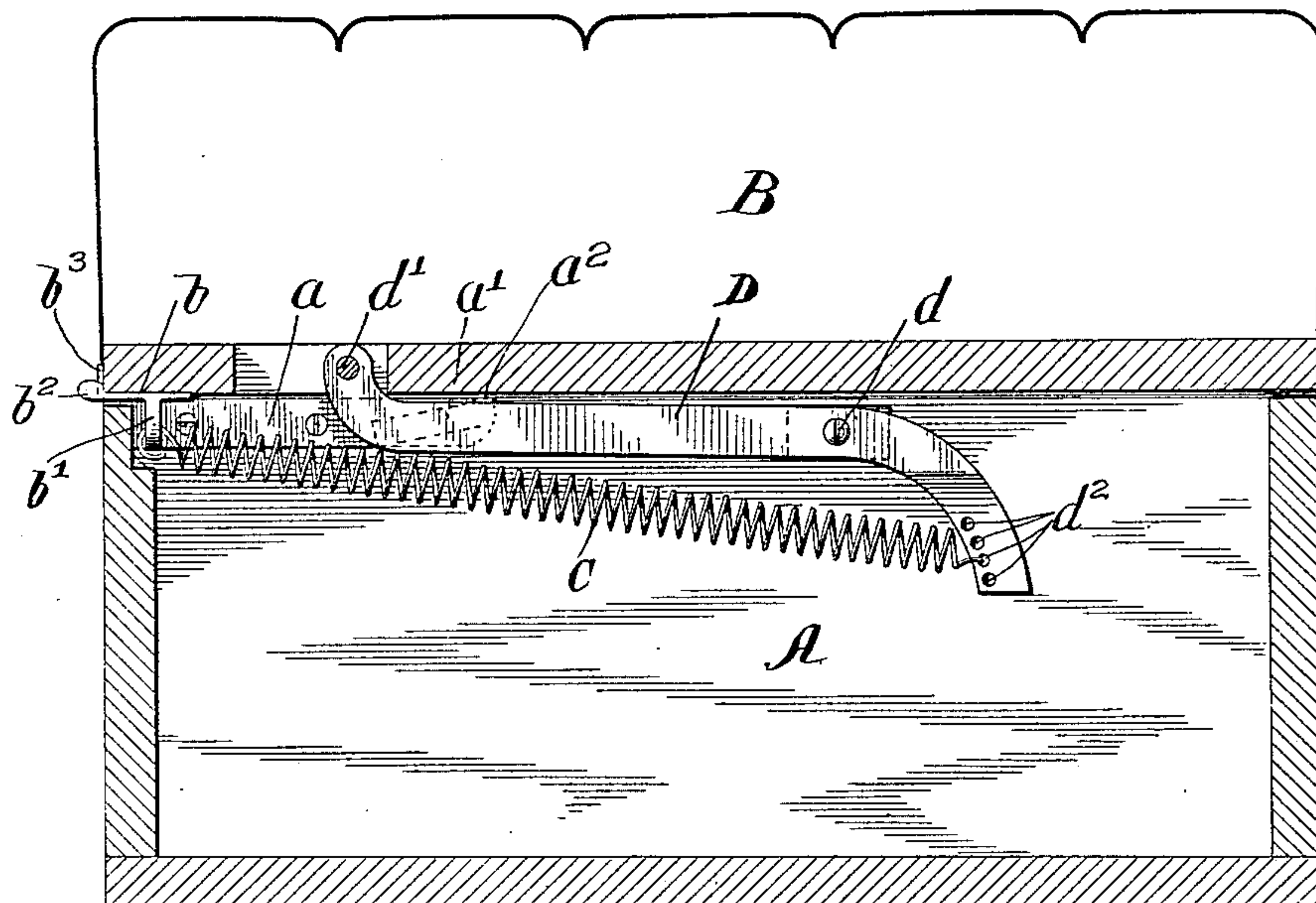
2 Sheets—Sheet 1.

No. 602,487.

Patented Apr. 19, 1898.



*Fig. 2.*



Witnesses:  
Chas. O. Shervey,  
R. G. Bailey

Inventor:  
Robert R Thompson  
by Niles G. Brewster  
Atty

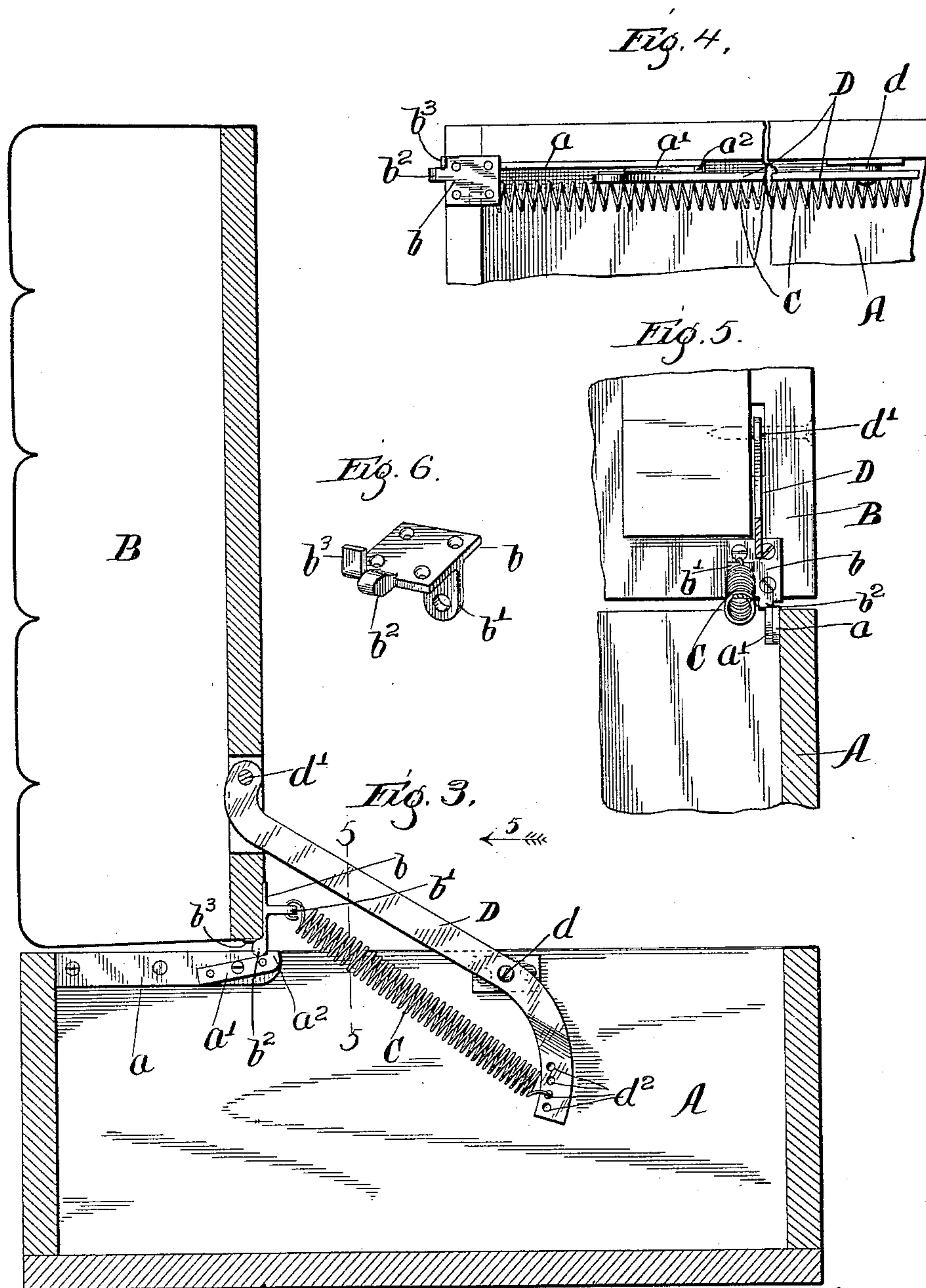
(No Model.)

2 Sheets—Sheet 2.

R. R. THOMPSON.  
BOX LOUNGE.

No. 602,487.

Patented Apr. 19, 1898.



Witnesses:  
Chas O. Shervey  
R. G. Pailey

Inventor:  
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Attys



# UNITED STATES PATENT OFFICE.

ROBERT R. THOMPSON, OF BLOOMINGTON, ILLINOIS.

## BOX-LOUNGE.

SPECIFICATION forming part of Letters Patent No. 602,487, dated April 19, 1898.

Application filed June 21, 1897. Serial No. 641,568. (No model.)

*To all whom it may concern:*

Be it known that I, ROBERT R. THOMPSON, a citizen of the United States of America, residing at Bloomington, in the county of McLean and State of Illinois, have invented certain new and useful Improvements in Box-Lounges, of which the following is a specification.

My invention relates to certain improvements in box-lounges of the class in which an upholstered cover is arranged above the box and provided with a spring to assist in the raising of the cover.

The purpose of my invention is to devise a connection between the box and cover whereby the cover as it is raised will be advanced upon the box, so as to leave room for the upholstering without moving the lounge from the wall or other adjacent body. In addition to this general advantage my invention has certain minor advantages, which will appear as the construction is described.

The invention is illustrated in the drawings by means of six figures, of which—

Figure 1 is a perspective of an open lounge. Fig. 2 is a section in plane 2 2 of Fig. 1, looking in the direction of the arrow 2 in the latter figure and showing the lounge closed. Fig. 3 is a similar section showing the lounge open to its fullest extent. Fig. 4 is a plan of the connecting device upon one end, the cover being removed to show the same in its position when the cover is down. Fig. 5 is a front elevation of a portion of the lounge seen in Fig. 3, the view being in the direction of the arrow 5 in the latter figure; and Fig. 6 is a perspective of a corner-piece used upon each lower rear corner of the cover.

In the drawings, A represents the box, and B the upholstered cover. The ends of the box are reinforced at the rear by means of bars *a*, preferably of metal, each of which has on its inner face a projecting lug *a'*, inclined upward and forward and terminating in an abrupt stop *a<sup>2</sup>*. Each of the rear corners of the cover has upon its under side a corner-piece *b*, preferably of metal, having a downwardly-projecting eye *b'*, a rearwardly-projecting lug *b<sup>2</sup>*, and an upturned flange *b<sup>3</sup>*. The flange *b<sup>3</sup>* protects the corner of the box and slides upon the bar *a*. The lug *b<sup>2</sup>* extends down beside the bar *a* until the cover reaches the forward end of the bar, when the lug *b<sup>2</sup>* rests upon the

incline *a'* and lifts the cover slightly from the box. The eye *b'* furnishes means of attachment for one end of a coiled spring C, the other end of which is fastened to one end of a lever D, pivoted between its ends to the box at *d*, and connected at its other end to the cover at the point *d'* in front of the corner-piece *b*. The lower end of the lever is provided with a series of holes *d<sup>2</sup>*, to any of which the spring C may be attached. Fig. 2 shows the cover closed, in which position the spring pulls at one end upon the lever D, tending to raise the cover, and at the other end upon the rear corner of the cover, tending to hold the same down and draw it forward. The result of both these tendencies is to assist in raising the cover into the position seen in Fig. 3 and to hold it in said position. The rear edge of the cover slides upon the bars *a* until the lugs *b<sup>2</sup>* reach the inclines *a'*, when said lugs slide up said inclines to the stops *a<sup>2</sup>*, the cover being lifted by the movement of the lugs upon the inclines sufficiently to raise the upholstering free of the box.

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

1. The combination with a box and a cover, of a lever pivoted to the cover and to the box forward of the cover-pivot, and a spring connected to the cover back of the cover-pivot and pulling said cover forward and downward; substantially as described.

2. The combination with a box, of a cover having its rear edge slidably mounted upon the box, a series of springs tending to draw said rear edge forward, and a series of levers pivoted to the cover and the box, the box-pivots being forward of the cover-pivots; substantially as described.

3. The combination with a box having a cover, the rear edge of which is slidably mounted upon the box, of a series of coiled springs connected at one end to the rear edge of the cover and supported at the other end under tension forward of said point, and a lever pivoted to the cover forward of the point at which the springs are attached and pivoted to the box forward of the point at which it is pivoted to the cover; substantially as described.

4. The combination with a box having a cover slidably mounted at its rear edge there-

upon and having in front of its rear edge means for raising it and preventing backward movement, of an inclined slide for the rear edge of the cover whereby the cover is raised  
5 bodily from the box as it slides forward; substantially as described.

5. The combination with the box, A, having the cover, B, mounted upon it, of a bent lever, D, pivoted to the cover and to the box  
10 in front of the cover-pivot, and the coiled spring, C, extending from the downwardly-

projecting end of the lever to the cover in rear of the lever-pivot and there connected to said cover; substantially as described.

In witness whereof I have hereunto set my  
hand, at Bloomington, in the county of Mc-  
Lean and State of Illinois, this 11th day of  
June, A. D. 1897.

ROBERT R. THOMPSON.

Witnesses:

JAMES R. MERWIN,  
M. GRINDROD.