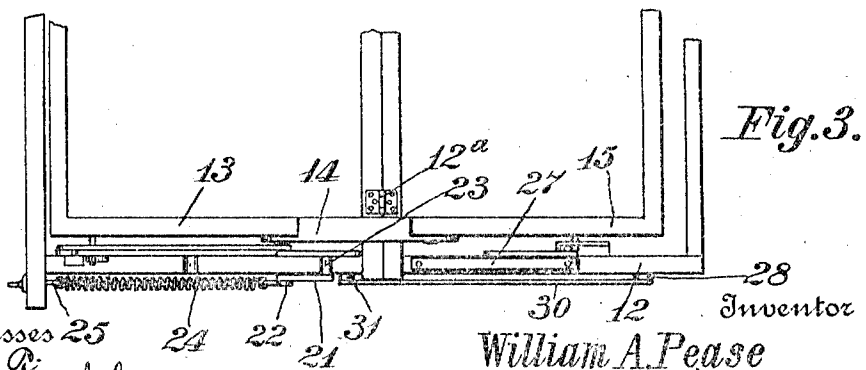
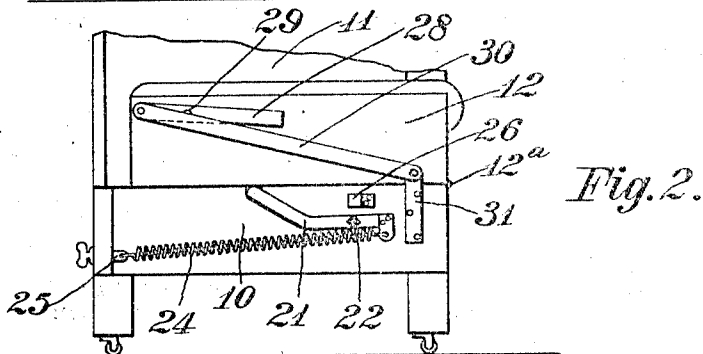


**1,061,777.**

Fig. 1.



Witnesses 25 24  
Benj. Finckel  
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30 12 Inventor  
William A Pease  
by Samuel Bond  
his Attorneys

# UNITED STATES PATENT OFFICE.

WILLIAM A. PEASE, OF COLUMBUS, OHIO, ASSIGNOR TO THE E. M. HULSE COMPANY,  
OF COLUMBUS, OHIO, A CORPORATION OF OHIO.

SOFA OR DAVENPORT BED.

1,061,777.

Specification of Letters Patent.

Patented May 13, 1913.

Application filed January 9, 1913. Serial No. 740,900.

*To all whom it may concern:*

Be it known that I, WILLIAM A. PEASE, a citizen of the United States, residing at Columbus, in the county of Franklin and State of Ohio, have invented a certain new and useful Improvement in Sofa or Davenport Beds, of which the following is a specification.

This invention relates to such a folding bed or davenport as is shown, for example, in the United States patent issued on the application of Sharp and Pease, dated November 21, 1911, No. 1,009,444, and has for its principal object the making easier the work of lifting and opening the upper or seat frame section of the bed.

The invention is embodied in the construction herein shown and described, the features of novelty being pointed out in the claims appended hereto.

In the accompanying drawings—Figure 1 is a view in elevation of the end of the bed with the end member or standard removed so as to expose the mechanism. In this view the bed is shown as opened. Fig. 2 is a similar view showing the bed closed. Fig. 3 is a plan view of the mechanism illustrated in Figs. 1 and 2.

As usual in such structures 11 designates the end members or main supporting standards of which there are two, between which is suitably secured and supported the base box or stationary frame 10. To the forward upper corner of the base box or frame 10 is hinged at 12<sup>a</sup> the seat frame 12. The characters 13, 14, and 15 designate respectively the inner, outer and middle section of the folding bed frame which are operated by suitable devices connected with the seat frame substantially as in the former patent of Sharp and Pease referred to and require no description here because they do not constitute an essential part of the present invention.

Pivoted at 22 on the end of the base or frame 10, is a lever 21 having at the extremity of its upper arm a lateral inwardly extending bearing 23 and said lever having connected with its lower end a strong coiled spring 24 that is connected at its rear end to an eye 25 secured in the rear wall of the base box or frame. When the seat frame is closed, as seen in Fig. 2, the edge of the end of that frame depresses the upper arm of the lever 21 and stretches the spring 24.

When fully closed the spring exerts not much lifting force on the seat frame because the fulcrum of the lever and the two points of connection are more nearly in a straight line. But as the seat is raised the lifting or actuating force becomes greater until the lever assumes an erect position as shown in Fig. 1 where the lever is caught by a stop 26. The closing edge of the seat frame can be provided with a metallic strap 27 to lessen wear of the wooden frame by the bearing 23, and the upper edge of the base box is provided with a notch 12<sup>b</sup> into which the bearing 23 extends when depressed.

Because little force is exerted by the spring when the bed is closed no lock is required to hold the seat down.

28 designates the leg which is of the form of a lever pivoted at 29 to the end of the seat frame and has hinged to its upper end a link bar 30 that reaches rearward (as viewed in Fig. 1) to a metallic post 31 on the base box or stationary frame to which it is also hinged. When the bed is opened the leg is held in erect position to support the seat frame on the floor. When the seat frame is closed the leg is thrown or pushed to a position substantially parallel with the end of the seat frame where it is hidden from view. This leg feature, however, constitutes the subject of another application for patent filed February 5, 1913, S. No. 747,002.

The mechanism described can be in all respects and preferably will be the same at each end of the sofa or davenport bed.

What I claim is—

1. In a sofa or davenport bed, the combination with the stationary bed supporting frame and a seat frame foldable with reference to said stationary frame, of a lever fulcrumed on the stationary frame to act slidably at one end on the seat frame, tending to assist the raising of the same from closed position and a spring, connected with the box or stationary bed supporting frame and the lever, for actuating said lever.

2. In a sofa or davenport bed, the combination with the stationary bed supporting frame and a seat frame foldable with reference to said stationary frame, of a lever fulcrumed on the stationary frame to act slidably at one end on the seat frame tending to assist the raising of the same from closed position, a spring, connected with the box

or stationary bed supporting frame and the lever, for actuating said lever and a stop to limit the movement of said lever, substantially as described.

- 5 3. In a sofa or davenport bed, the combination with the stationary bed supporting frame and a seat frame closable on said stationary frame, of a fulcrumed lever to act at  
10 the opening of the same from closed position and a spring connected with the box or

stationary bed supporting frame and the other arm of the lever whereby when the lever is depressed to horizontal position by the closing of the seat frame the connections of the spring and the fulcrum of the lever are brought into nearly horizontal  
15 alinement, substantially as described.

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