

T. RAMSDEN.

Sofa.

No. 167,565.

Patented Sept. 7, 1875.

Fig 1

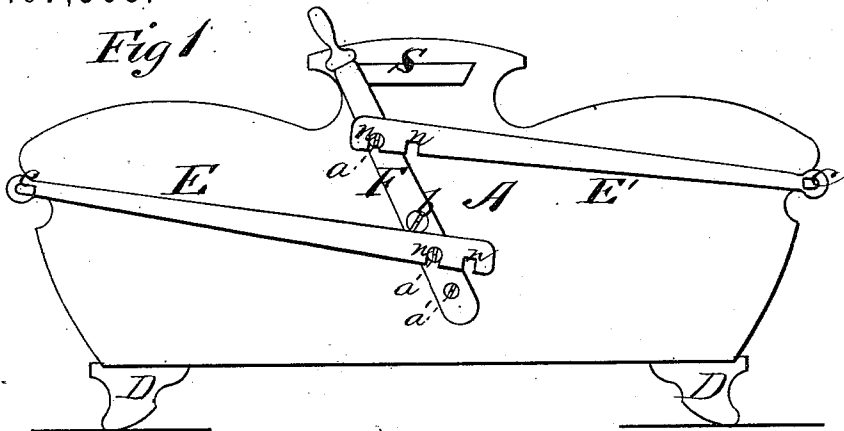


Fig 2

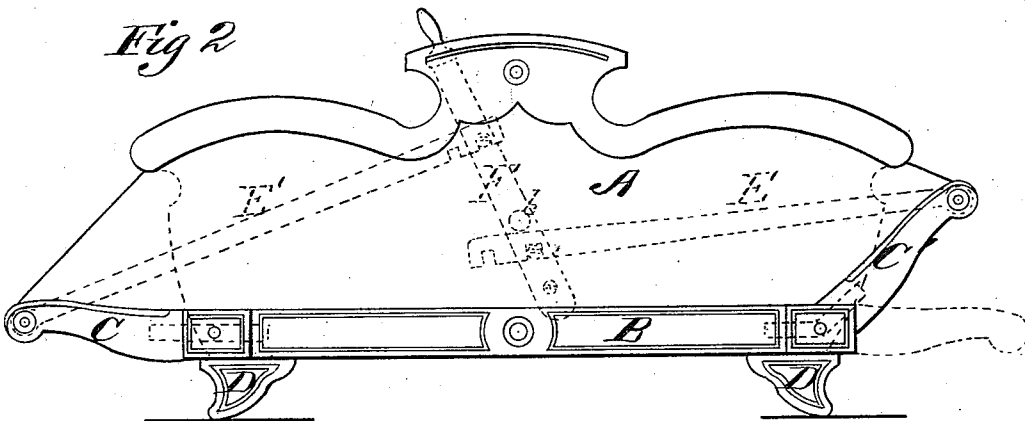
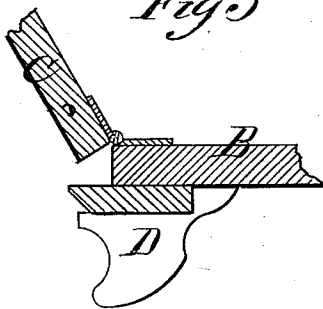


Fig 3



WITNESSES

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INVENTOR

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UNITED STATES PATENT OFFICE

THOMAS RAMSDEN, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN SOFAS.

Specification forming part of Letters Patent No. **167,565**, dated September 7, 1875; application filed June 19, 1875.

To all whom it may concern:

Be it known that I, THOMAS RAMSDEN, of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented a new and valuable Improvement in Sofas; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a rear view of my sofa, and Fig. 2 is a front view of the same, showing operation. Fig. 3 is a sectional detail view.

This invention has relation to improvements in sofas, whereof the arms are hinged to the bottom, so that one or both may be lowered to form a plane surface therewith; and the nature of the invention consists in combining with a sofa, having its arms hinged to the seat, a vertically-vibrating lever pivoted to the said sofa, and connected with its arms by means of adjustable rods, whereby a reliable and effective means is provided for lowering one or both of the sofa-arms, and converting the same into an agreeable couch, as will be hereinafter more fully explained.

In the annexed drawings, A designates the back, B the seat, C C' the arms, and D the legs, of an ordinary sofa, in connection with which I propose to illustrate my invention. The arms C C' are hinged in any suitable manner to the bottom or seat B, as shown in Fig. 3, and they are connected, by means of rods E E', to a vertically-vibrating lever, F, pivoted at or near the center of its length to the back of the sofa, as shown in Fig. 1. The lever F is provided with a number of studs, *a a'*, at each side of its pivot *b*, which studs are arranged at a suitable distance apart, and are designed to serve as points of attachment for the rods E E', which are pivoted at *c* to arms C C', and are provided with a number of

spaced notches, *n*, near their free ends for this purpose. When these rods are hooked over studs *a a'*, the one above and the other below the pivot *b* of lever F, as shown in Fig. 1, and the latter be then actuated, the effect will be to lower arm C entirely, and arm C' partially, forming a luxurious couch, which may be reconverted into a sofa by reversing the movements of lever F, the arms C C' being held in an upright position by the engagement of the end of the lever behind a stop, S, rigidly secured to the rear side of the sofa-back, as shown in Fig. 1. Both the arms may be lowered, when deemed necessary, by changing the rod E from its inner to its outer notch *n*, in engaging the said rod with the actuating-lever, so that the length of the said rod being increased the degree of vibration allowed to its arm will be correspondingly increased, and the two arms allowed to assume a position in line with the seat or bottom of the sofa.

In practice, this improved sofa may be upholstered in the usual well-known manner, and in lowering the arms its cushions will also be lowered.

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

1. In a sofa, having hinged arms C C', the combination of the vertically-vibrating lever B and the rods E E', substantially as specified.

2. The lever F, having studs *a a'*, and the rods E E', having notches *n*, in combination with the hinged arms C C' of a sofa, substantially as specified.

3. The stop S, in combination with lever F, connecting-rods E E', and hinged arms C C', substantially as specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

THOMAS RAMSDEN.

Witnesses:

J. J. NUNNEMACHER, Jr.,
ALLEN H. GANGEWER.