

(No Model.)

H. L. ALBEE.

SOFA BED.

No. 299,501.

Patented June 3, 1884.

Fig. 1.

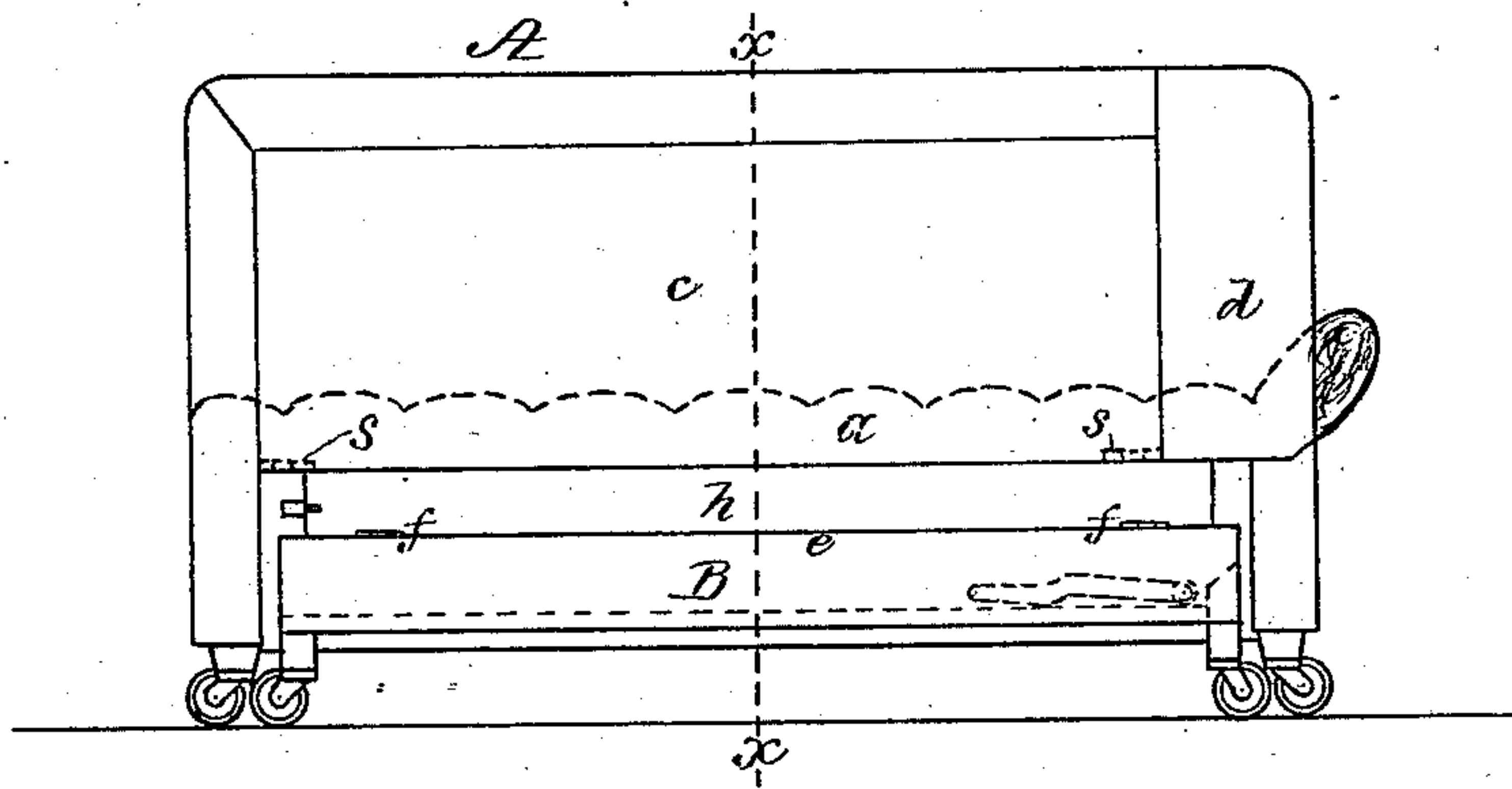


Fig. 2.

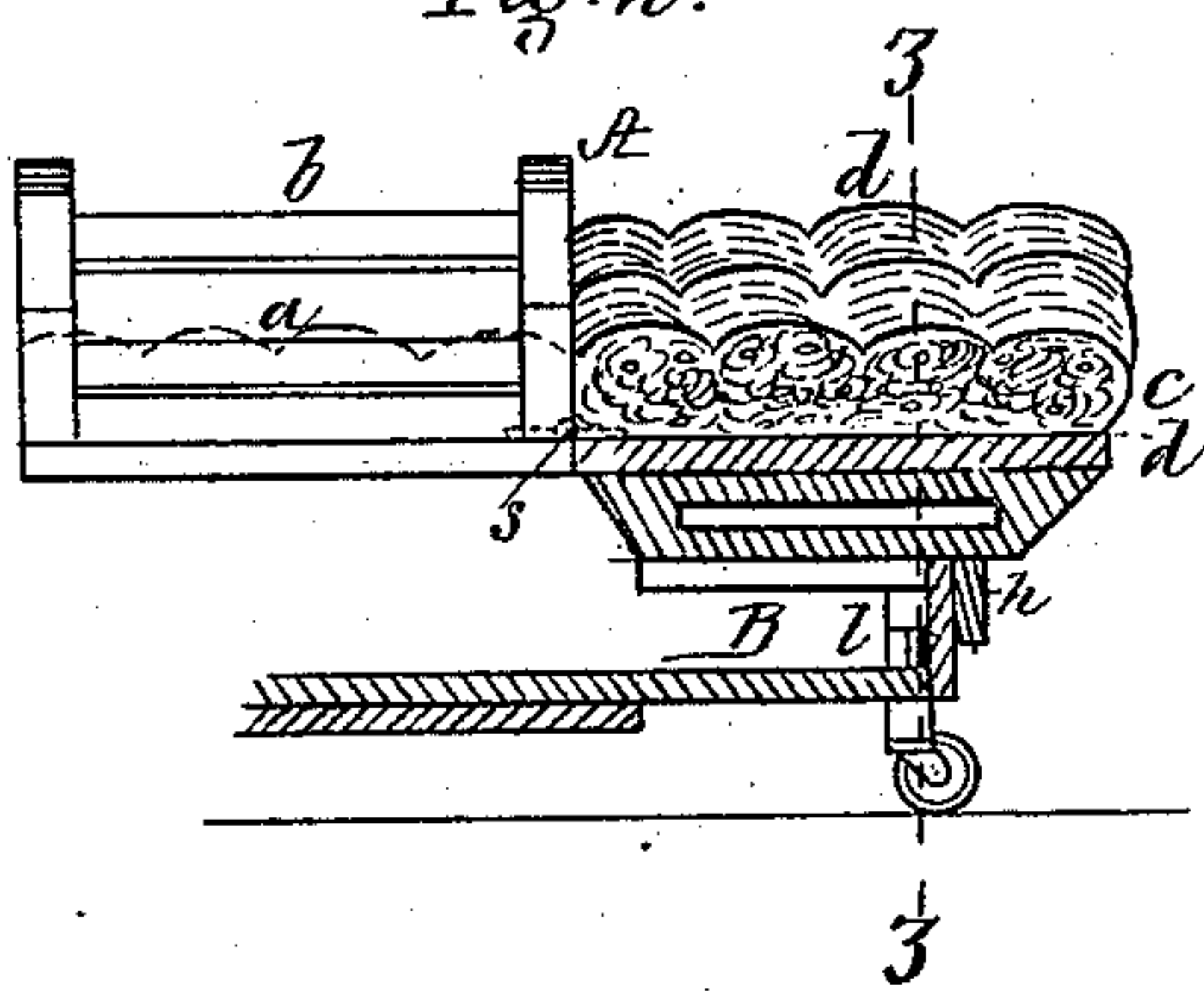


Fig. 3.

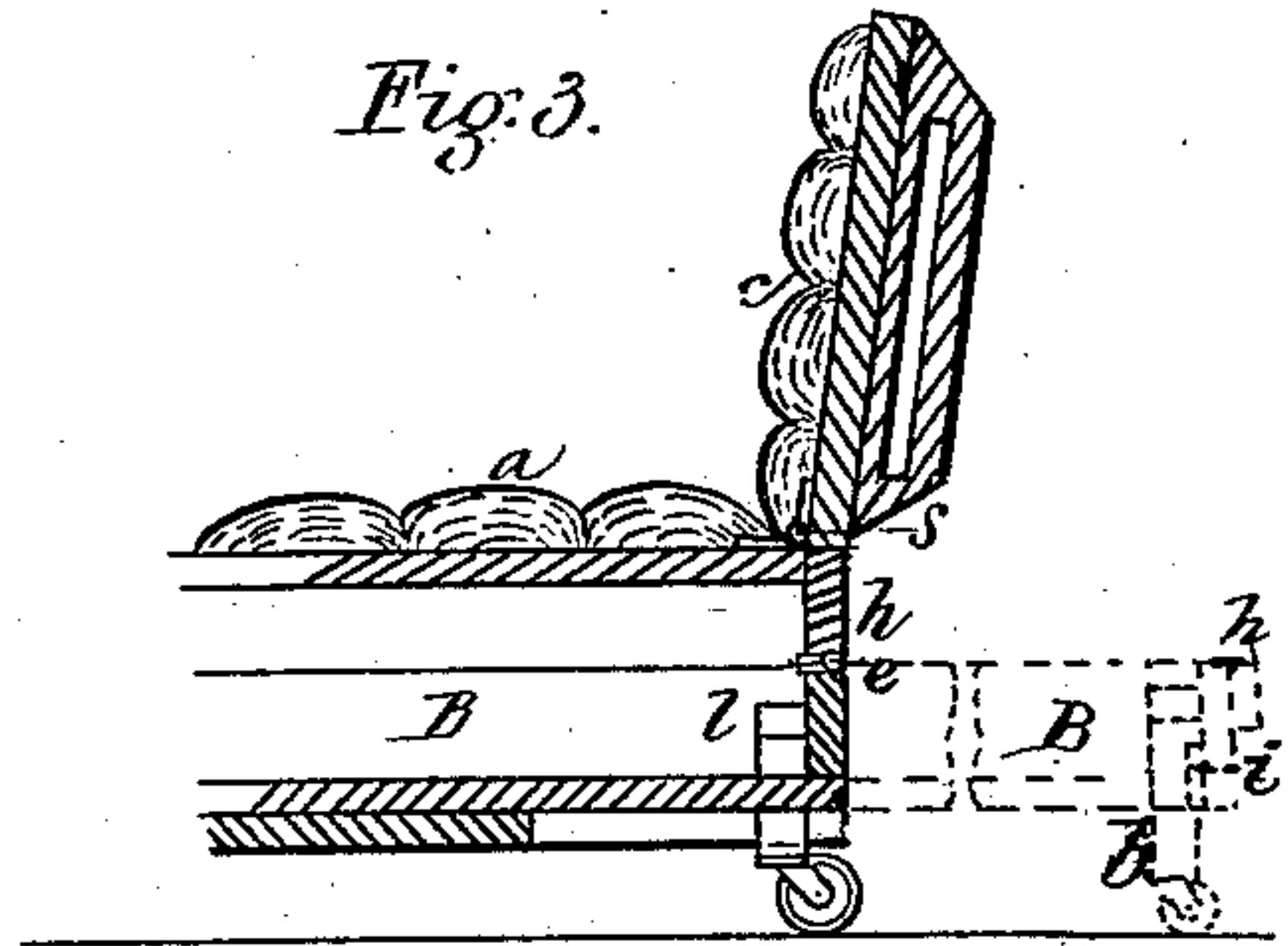


Fig. 4.

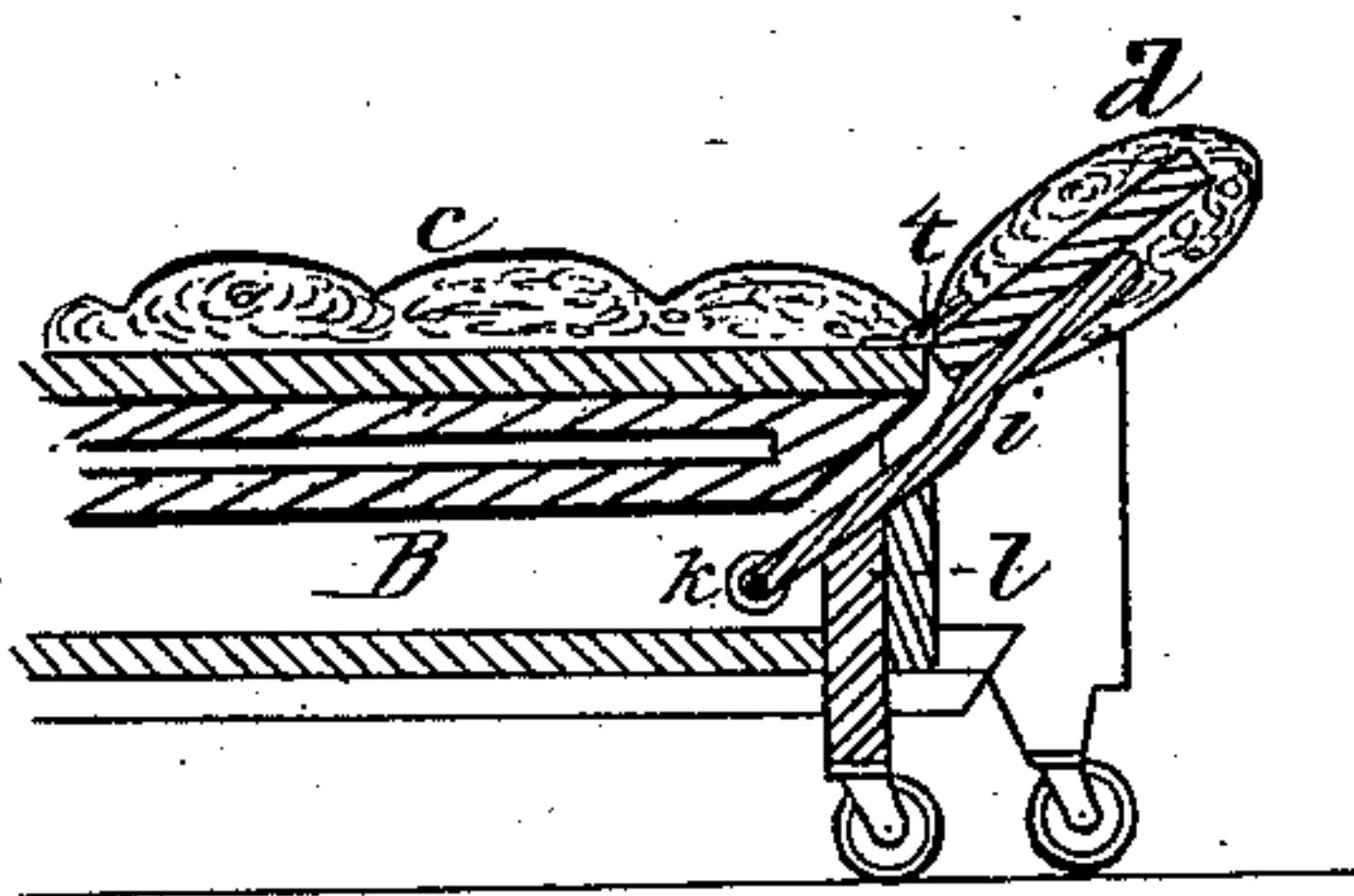


Fig. 5.

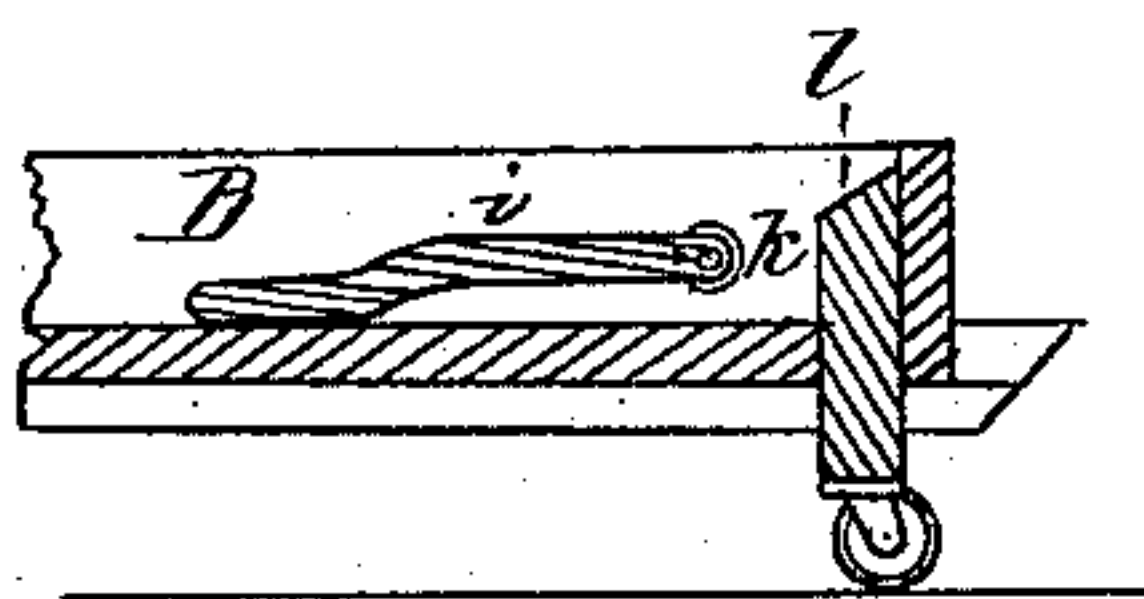


Fig. 6.

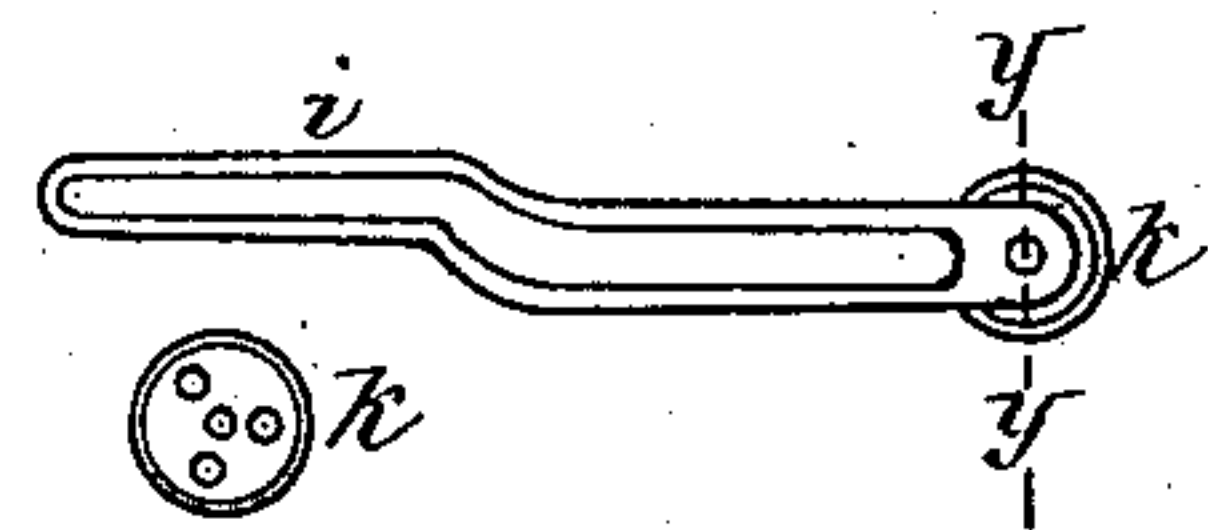
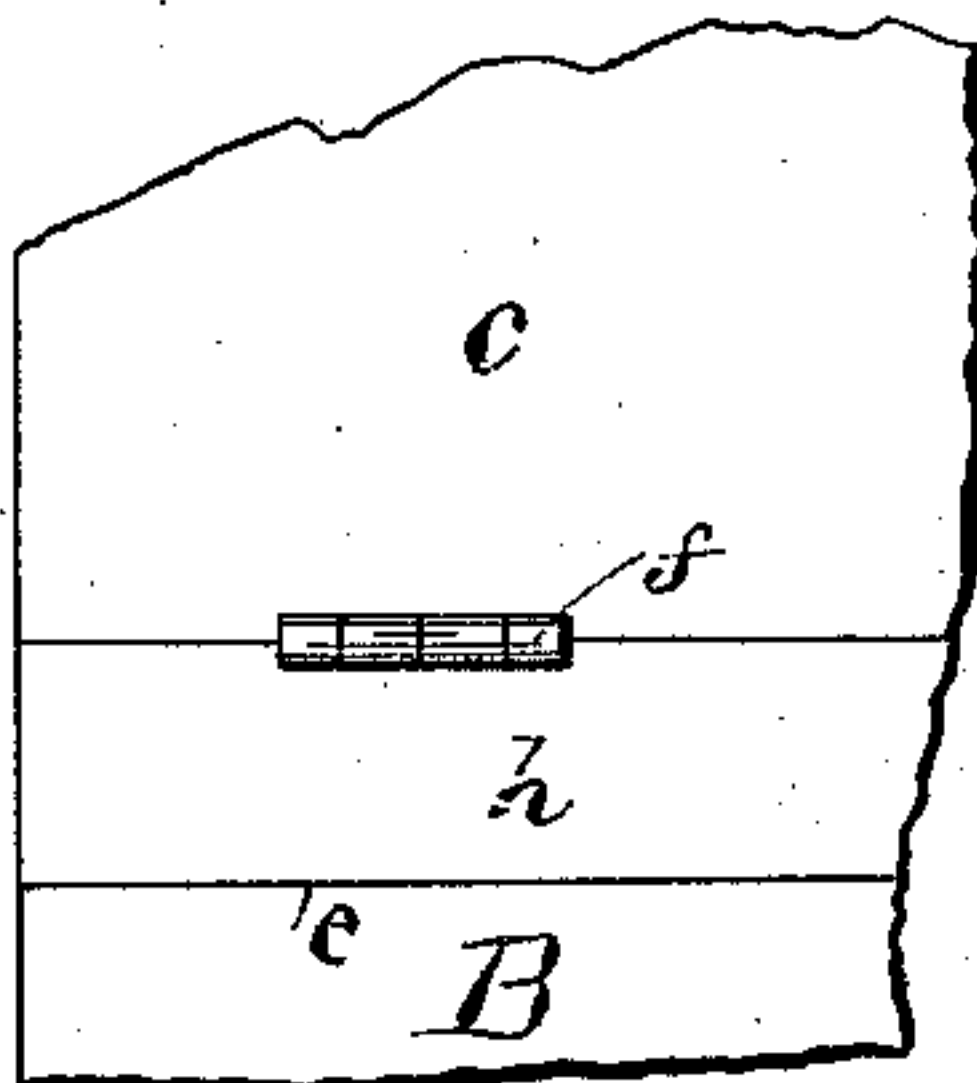


Fig. 7.



Fig. 8.



Witnesses:  
Billie W. Stearns  
E. J. Stearns

Inventor:  
Henry H. Albee,  
per Norman W. Stearns,  
Attorney



# UNITED STATES PATENT OFFICE.

HENRY L. ALBEE, OF BOSTON, MASSACHUSETTS.

## SOFA-BED.

SPECIFICATION forming part of Letters Patent No. 299,501, dated June 3, 1884.

Application filed June 7, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, HENRY L. ALBEE, of Boston, in the county of Suffolk and State of Massachusetts, have invented certain Improvements in Sofa-Beds, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a rear elevation of a sofa-bed with its back supported in a vertical position in accordance with my invention. Fig. 2 is a sectional elevation representing the back swung down into a horizontal position to form a part of the bed. Fig. 3 is a section on the line *xx* of Fig. 1. Fig. 4 is a longitudinal section on the line *zz* of Fig. 2, representing the manner of supporting the auxiliary head-rest when the back of the sofa is thrown down to form a portion of the bed. Fig. 5 represents my head-rest support folded into a drawer under the bed. Fig. 6 shows the said support detached. Fig. 7 is a transverse section on the line *yy* of Fig. 6. Fig. 8 represents a portion of the sofa-back with my improved support hinged to its lower edge.

My present invention has special reference to that class of sofas or lounges adapted for conversion into beds, when desired, and in which a drawer sliding under the sofa or lounge is employed for holding the bed-clothing when the bed is not in use: and my invention consists in a leaf pivoted or hinged to the top of the front of the drawer, or to the bottom of the back of the sofa or lounge, said leaf serving as a support for the back when in a vertical position, and being readily swung down when the back is to be lowered to a horizontal position to form a part of the body of the bed, whereby the changes may be made without the labor and inconvenience incident to the complicated devices now employed for effecting these operations.

My invention also consists in a support for the auxiliary head-rest, in combination with and pivoted to a sliding drawer, said support being adapted to be swung out instantly into a position under the said head-rest or swung inside the drawer out of sight, as occasion may require, the drawer being located under the sofa-seat when the latter is not employed as a part of the bed.

To enable others skilled in the art to under-

stand and use my invention, I will proceed to describe the manner in which I have carried it out.

In the said drawings, A represents a sofa-bed consisting of the ordinary sofa-seat, *a*, its stationary arm or head-rest *b*, a back, *c*, hinged at *s*, Figs. 2 and 3, to the frame of the seat, and an auxiliary head-rest, *d*, hinged at *t*, Fig. 4, to the movable back, the above-enumerated portions, together with a drawer, B, for holding bed-clothing and sliding thereunder, being of well-known construction.

When the sofa is in use and the back *c* occupies a vertical position, Figs. 1 and 3, it is supported and held in place in the following manner: To the top *e* of the front of the drawer B is hinged at *f* *f* a long strip or leaf, *h*, of a length corresponding to the opening formed at the bottom of the back *c*, being nearly the width of the drawer. This leaf *h* may be readily swung up from either end, and snugly fits into said opening under the back when in an upright position, and thus serves as a strong and unyielding bearing therefor. When the sofa is to be converted into a bed, it is simply necessary to swing the supporting-leaf *h* down outside the front of the drawer, pull the drawer out, and gradually lower the back to a horizontal position, Fig. 2, by the application of the hand thereto. When the back is down, the auxiliary head-rest, hinged thereto at *t*, Fig. 4, is inclined at the proper angle therewith, and is firmly held in this position by a support, *i*, Fig. 4, pivoted to the inside of the front of the drawer, a plate, *k*, screwed to the front being interposed between them to insure ease in the movement of the support and permanency of fastening. This support or brace is of the form seen in Figs. 4, 5, 6, and 7, and when swung out to an inclined position, Fig. 4, the upper surface of its outer portion forms a continuous bearing for the under side of the auxiliary head-rest when swung down thereon, in which position the under side of the inner or lower portion of the brace is made to coincide with the beveled top of the caster-leg *l* of this corner of the drawer, by which construction the auxiliary head-rest is held firmly, as desired. When the bed is not required for use, the auxiliary head-rest is thrown up simultaneously and at one operation with the back *c*, and forms a continuation thereof,

after which the head-rest support *i* is swung over on its pivot into the drawer, Fig. 5, and concealed from view.

5 Instead of the leaf or support *h* being hinged to the front of the drawer, it may be hinged or pivoted to the bottom of the back *e*, Fig. 8, and in either case, when holding it in an upright position, the support *h* may be locked or held in place by a spring catch or bolt located  
10 at one or both ends, or at the center.

Instead of the inner end of the head-rest support bearing on the beveled top of the caster-leg *l*, it may bear on the side rail of the drawer; but I prefer the construction first described, as thereby I obtain a stronger and  
15 more extended bearing for the support.

I claim—

1. As an improvement in sofa-beds, &c., the

drawer B and the back *e*, in combination with the leaf *h*, interposed between them for supporting the back in an upright position, constructed to operate substantially as described. 20

2. In combination with the drawer B and an auxiliary head-rest, *d*, the brace *i*, for supporting the latter when the bed is in use, substantially as set forth. 25

3. The auxiliary head-rest *d*, the drawer B, with its caster-leg *l*, beveled at its top, and the supporting-brace *i*, pivoted to the inside of the drawer, all combined and arranged to operate as and for the purpose specified. 30

Witness my hand this 4th day of June, 1883.

HENRY L. ALBEE.

In presence of—

B. MARVIN FERNALD,

N. W. STEARNS.