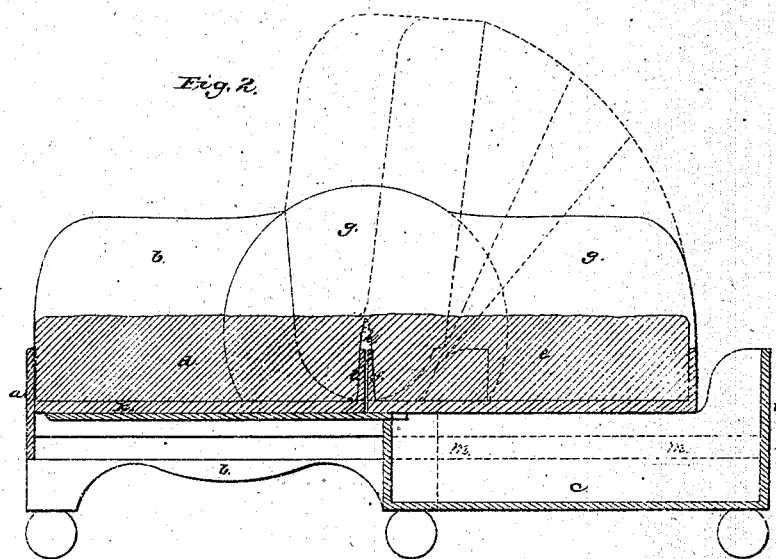
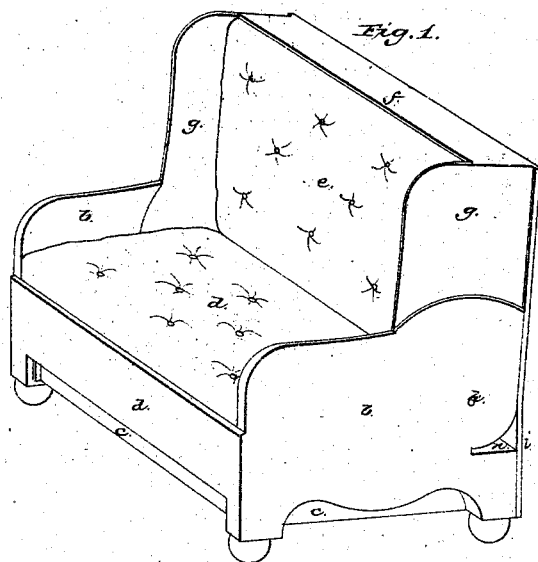


No. 47,512.

PATENTED MAY 2, 1865.

E. BRADY.
SOFA BEDSTEAD.



Attest:

R. R. Roberts
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UNITED STATES PATENT OFFICE.

ELIJAH BRADY, OF NEW YORK, N. Y.

IMPROVED SOFA-BEDSTEAD.

Specification forming part of Letters Patent No. 47,512, dated May 2, 1865.

To all whom it may concern:

Be it known that I, ELIJAH BRADY, of the city, county, and State of New York, have invented a new and useful Improvement in Sofa-Beds; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention and improvement consists in so forming the sofa that the back can be let down and the surface of the back-cushion brought in a line with the surface of the seat-cushion, both forming one plane surface and forming the body of the bed, and by arranging the drawer under the seat of the sofa in such a manner that the front of the drawer when pushed in acts as a support to the back, holding it firmly in its place and when the back is let down, forming a bed, and the drawer pulled out, the drawer forms a support under that part of the bed formed by the back of the sofa, and also in making the cushions so that they may be removed at liberty.

To enable those skilled in the business to make and use my invention and improvement, I will proceed to describe its construction and operation.

Figure 1 represents the sofa-bed when up and used as a sofa. Fig. 2 represents an inner sectional view of the same when extended as a bed.

I construct my sofa of a stationary frame-work about six feet long and two to three feet wide, (the size may be varied to suit taste or convenience,) and an adjustable back the same length as the stationary frame, and it may be made the same width as the seat-cushion box, or otherwise.

The stationary frame is made of the two end pieces *b b* of sufficient height to form the arms of the sofa, the front board, *a*, of the cushion-box extending the whole length of the sofa, and in width from about one or two inches of the top of the seat-cushion to within eight or ten inches of the floor. The bottom of the seat-cushion box *k*, I make of boards, or may be made of slats, cane, or other suitable material, extending the length of the sofa, and in width from the front of the sofa to within six or eight inches of the back of the stationary frame. At the back of the seat-cushion box is placed a narrow board fastened to the bottom

of the cushion box and extending from the inner side of the ends of the adjustable back when attached to the stationary frame, thus making the stationary frame and seat-cushion box, attaching feet or casters at the four corners, if desired. The ends *b b* extend back beyond the seat-cushion box about eight or ten inches, and a notch, straight at its lower surface and curved on its upper, is cut out to allow the adjustable back to fit in when let down.

The adjustable back is made by making a back-cushion box similar to the seat-cushion box of the ends *g g*, the back boards, and the top and bottom strips *f f*. The end pieces *g g* extend beyond the back-cushion box toward the front of the sofa when the back is let down just the distance that the ends *b b* of the stationary frame extend back from the back strip of the seat-cushion box.

I attach the adjustable back to the stationary frame by cutting away a circular section of the inner sides of the back end of each of the ends *b b*, the thickness of the projecting ends *g g* of the adjustable back, and fitting the front ends of the ends *g g* into the circular section of the ends *b b* thus cut away, and fastening them together by the pins *h h*, making a partial rule-joint at each end of the sofa, by which the back is raised up and let down.

The two pins *h h*, one at each end of the sofa, I place through the end pieces, on a line with the top cloths of the two cushions when the sofa is extended as a bed, and at the angle where the two cushions meet when the back is upright as a sofa, and by being so placed the raising and lowering the back does not tear or wear the cushion-cloths.

The front end of the two end pieces *g g* of the adjustable back are squared off to near their lower or back corner, which corners are rounded off, making the joints, and when the back is placed upright the weight of the adjustable back rests upon these squared ends on the bottom of the seat-cushion box, and the back-board of the back-cushion box also rests on the front of the drawer, relieving the pins of the weight of the adjustable back.

In each of the end pieces of the stationary frame on the inner sides and below the bottom of the seat-cushion box are cut grooves, in which the slides *m m* on the sides of the drawer run. At the center of the joint of the drawer

is placed a leg to stiffen the drawer, and a caster may be placed on this leg to facilitate the opening and shutting the drawer. The front of the drawer extends from the bottom of the drawer up to the lower side of the back-cushion box when the back is up, and acts as a support to hold the back tight and firmly in its position.

The drawer is made nearly the full size of the space under the sofa, and is to hold the bed clothing when desired.

When it is desired to convert the sofa into a bed, the drawer is pulled out the full length and the back is let down and rests upon the ends of the drawer, bringing the surface of the back-cushion on a line with the surface of the seat-cushion, forming one and the same plane, and the two cushions being used as mattresses, the drawer acting as a support holding the back as a bed. The back may be stayed at any required angle by the drawer being pulled out the required distance and the back resting upon the drawer, as shown by the dotted lines in Fig. 2.

The two cushions are made to fit the cushion-boxes, which may or may not be of equal size. The seat-cushion at the upper edge back may be joined to the back-cushion at the front upper edge when extended, or they may be joined by having the top cloths of the two cushions one continuous piece of cloth. I prefer this latter way.

The cushions are so made and arranged that they may be easily removed from the boxes for ventilation or to remove dirt or bugs from the cushion-boxes or sofa.

What I claim as my invention and improvement, and desire to secure by Letters Patent, is—

The combination and arrangement of a sofa with the bed and drawer, substantially as described, for the purposes specified.

ELIJAH BRADY.

Witnesses:

E. A. S. ROBERTS,
MARCUS SACKETT.