

E. Smith,

Sofa,

No 50,397.

Patented Oct 10, 1865.

Fig. 1.

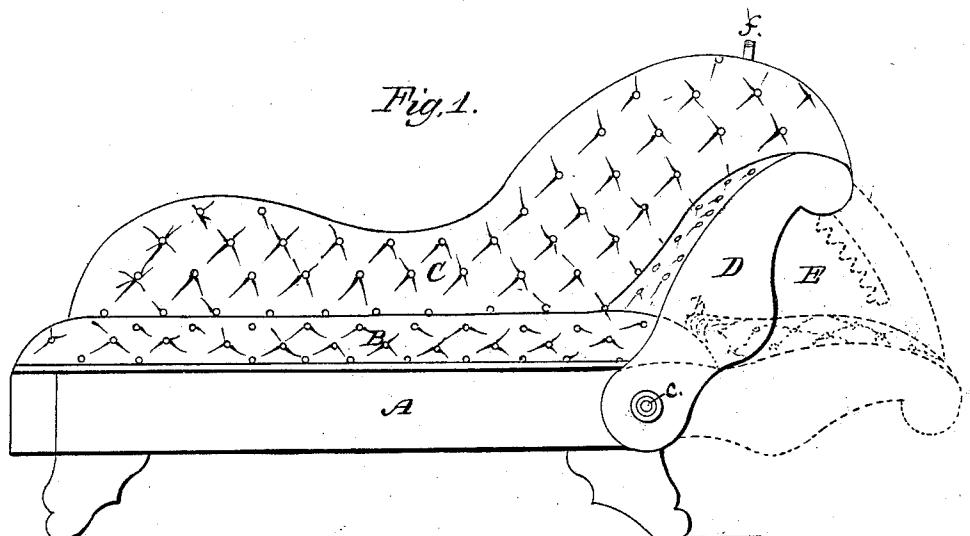
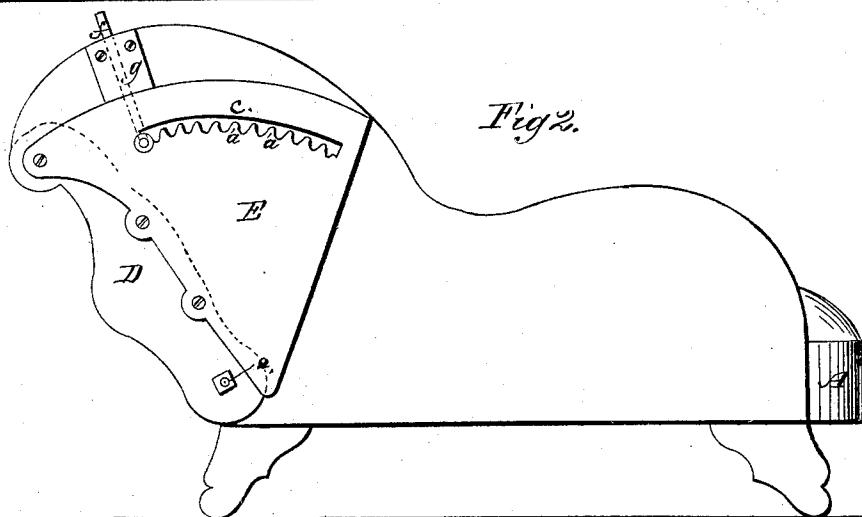


Fig. 2.



Witnesses:
Theo Fisch
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UNITED STATES PATENT OFFICE.

ERNEST SMITH, OF NEW YORK, N. Y.

SOFA OR LOUNGE.

Specification forming part of Letters Patent No. 50,397, dated October 10, 1865.

To all whom it may concern:

Be it known that I, ERNEST SMITH, of the city, county, and State of New York, have invented a new and useful Improvement in Lounges and Sofas; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a front view of a lounge having its arm constructed and made so as to operate according to my invention. Fig. 2 is a back view, showing the segmental plate to which I attach the arm.

Similar letters of reference indicate like parts.

My invention consists in the employment or use of a segmental plate to be attached to the arm of a lounge or sofa, the said plate having a slot cut in it and provided with suitable teeth, into which is fitted to work a stop, which is connected to a sliding rod, by which the inclination of the arm of the sofa can be regulated as desired.

It also consists in the insertion of a roll of extra stuffing at the lower part of the arm where it joins the sofa, whereby I make a better joint, so to speak, between the arm and sofa, whether the arm be in a vertical or inclined position, and whereby I am enabled to make the arm separate from the lounge or sofa, as will be hereinafter described.

To enable others to understand my invention, I will proceed to describe it.

A represents a lounge-frame, containing a seat, B, and having a back, C, all made in the usual way.

D is the arm, which is made separate from the rest of the lounge and pivoted to the frame A by a rod, a, passing through its ends and through the frame, carrying a nut on its end for keeping the parts together. This arm D is stuffed in the usual way, but at its lower part I insert an extra roll of stuffing, in order to give an unusual protuberance at that part, as shown at b in Fig. 1, particularly in red outline. This simple addition or change in the stuffing of the arm produces important results.

Heretofore the arms of lounges, &c., have been stuffed all alike throughout, and this entirely prevented a plain or untufted seat to be used, for the reason that so soon as the arm was raised (if an untufted seat was used) the covering would be caused to wrinkle up very considerably, sufficiently at least to mar the appearance of the sofa or lounge; but my invention enables a plain seat to be used, which can be made much cheaper than a tufted one, as all manufacturers are aware; and, furthermore, stuffing the lower part of the arm in this way gives a better finish to the lounge, as well as produces a more connected or even line of covering when the arm is lowered.

E is the segmental plate for regulating the inclination of the arm of the lounge. It is secured to the arm D on the back thereof, and is of a suitable length and width. Into this segment E, near the top edge, I cut a transverse slot, c, and form teeth d on its lower edge, the said slot being of a sufficient length to permit of the arm being lowered to a position horizontal with the seat of the lounge, and it has a stop, e, which is arranged to sink into the recesses between the teeth, the said stop being connected to a sliding rod, f, in a plate, g, attached to the back of the sofa, which rod may or may not, as desired, have a spring so applied to it that it will always keep the stop e down in the recesses between the teeth d, unless momentarily drawn up to change the inclination of the back. When the arm is lowered one of the sides of this plate is necessarily exposed to view, as shown in red in Fig. 1, and I have therefore deemed it expedient to have it of an ornamental design; but this can be regulated to suit the taste of the manufacturer.

It is intended usually to make the plates of cast-iron, which can be made cheaply, and thus increase the expense of a sofa or lounge but very little. The segmental plate not only answers the purpose of a device by which to regulate the inclination and to hold the arm in suitable position, but it very materially strengthens the lounge, and this is an important feature, for lounges having adjustable arms are usually constructed not sufficiently strong, consequently are soon deranged and broken.

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

1. The segmental plate E, arranged to operate substantially in the manner and for the purpose specified.
2. The device consisting of the parts *e f g*, in combination with the segmental plate E, substantially as and for the purpose specified.
3. So stuffing the arm of the lounge or sofa

that a protuberance will be made at the lower part thereof, for the purpose herein specified.

The above specification of my invention signed by me this 21st day of August, 1865.

ERNEST SMITH.

Witnesses:

M. M. LIVINGSTON,
C. L. TOPLIFF.