(No Model.)

T. HOFSTATTER, Jr.

SOFA BED.

No. 331,706. Patented Dec. 1, 1885.

Fig. 1.

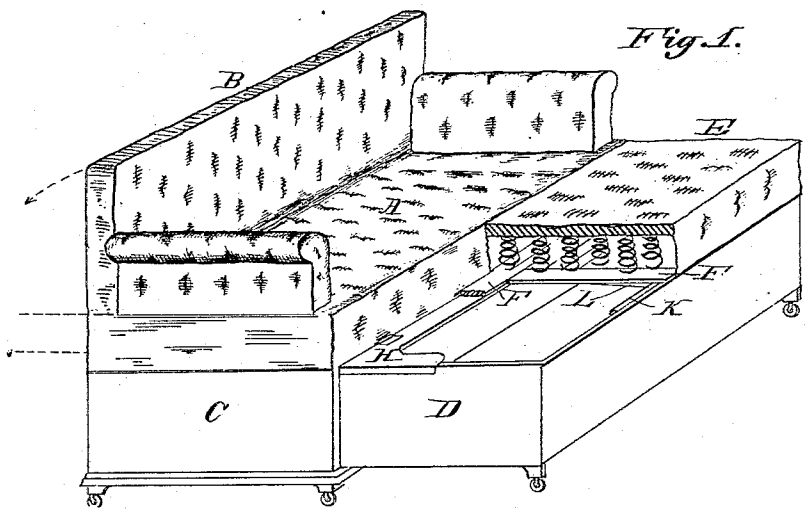


Fig. 2.

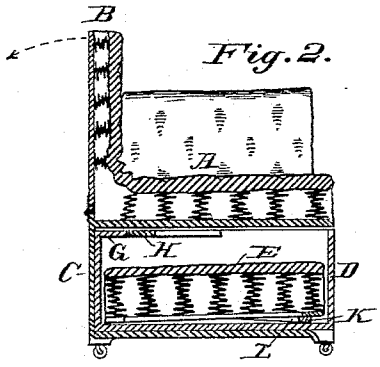


Fig. 3.

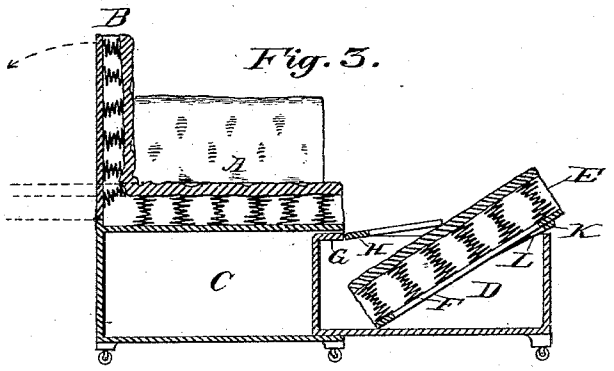
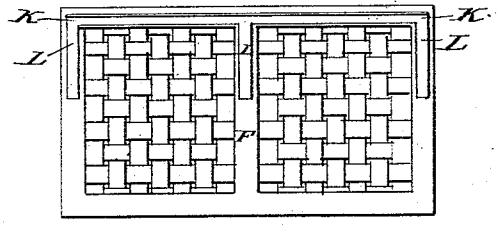


Fig. 4.



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UNITED STATES PATENT OFFICE.

THEODORE HOFSTATTER, JR., OF NEW YORK, N. Y.

SOFA-BED.

SPECIFICATION forming part of Letters Patent No. 331,706, dated December 1, 1885.

Application filed February 8, 1884. Serial No. 120,110. (No model.)

To all whom it may concern:

Be it known that I, THEODORE HOFSTATTER, Jr., 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, making a part of this specification.

My invention relates to that class of sofa-beds in which the additional mattress is stowed away when not in use in a drawer closing beneath the seat, and which, when drawn out, serves as a support for the mattress in finishing out the bed.

It has for its object to facilitate the lifting-out, handling, and adjustment of the mattress, and its secure confinement in place when the bed is completed.

It consists in forming the spring-mattress upon a frame adapted to fit within the drawer of the sofa, and provided with a cleat or cleats upon its under side near its front edge, adapted to engage the inner front edge of the drawer when the mattress-frame is fitted thereon, and which are beveled or sloped off from the front edge inwardly, to facilitate sliding the mattress back into the drawer, and also in combining with the rear edge of the top of the drawer an inwardly-projecting longitudinal strip secured thereon, and to which a second longitudinal strip is hinged, to serve as a support for the inner end of the mattress-frame when brought up into position to complete the bed.

In the accompanying drawings, Figure 1 is a view in perspective of the sofa-bed with its drawer pulled out and the mattress placed in position to complete the bed, the mattress being broken away in section. Fig. 2 is a transverse section of the sofa-bed when closed to constitute a sofa or divan; Fig. 3, a similar section of the same, with its drawer opened, illustrating the mattress partly lifted out; and Fig. 4, a bottom or under side view of the mattress alone.

A represents a sofa or divan whose back B is so constructed and hinged as to admit of swinging back into a horizontal plane on a level with the seat of the sofa, as indicated by dotted lines in Figs. 1 and 3, and of being supported in that position to constitute an extension of the bed on that side. The base C of the sofa is made, as is usual in this class of sofa-beds, so deep as to reach the floor, and a drawer, D, fitted upon casters, is adapted to slide easily in and out of the base at the front of the sofa. This drawer is nearly the length of the sofa, and its upper edge passes closely under the plate or frame of the sofa-seat. Its length and depth adapt it to receive readily the extra mattress required to complete the length of the bed on the front side. This mattress E is built up upon a light bottom frame, F, fitting easily into the drawer. The rear top edge of the drawer is covered by a longitudinal strip, G, Figs. 2 and 3, fitted and secured thereon, to which a second strip, H, is hinged to widen it and yet admit of being raised, so as to allow of the ready withdrawal and replacement of the mattress in the drawer, (see Fig. 3,) and afford a suitable support for its rear edge next to the seat when its front edge rests upon the front edge of the drawer. (See Fig. 1.) A longitudinal cleat, K, (see Fig. 4,) is secured upon the under side of the mattress-frame near its front edge, and two or more incline-faced strips or blocks, L L, are fitted against said cleat to facilitate sliding the mattress-frame over the front edge of the drawer. This cleat serves when the mattress is placed in position upon the top edge of the drawer with its inner end resting upon the strip H to engage the front edge of the drawer, (see Fig. 1,) and prevent the mattress from slipping forward out of position.

If preferred, the cleat K may be omitted and the front or outer ends of the inclined strips or blocks L L adapted to engage the front edge of the drawer as an equivalent for said cleat in confining the mattress in its place upon the drawer. The cleat and blocks may also be made detachable and adapted to be fitted at will upon either edge of the mattress-frame, so that by changing them from one side to the other the mattress may be reversed so as to place its front edge inside, and vice versa.

I am aware that a patent has been heretofore granted for a drawer in a sofa-bedstead continuous of its length, and adapted to be slid in and out beneath the sofa-seat, and provided with a hinged close cover fitting down tight over the drawer, to provide thereby a

closed receptacle for the bedding and to serve as a support for the bedding when in use; but practically such a close cover is objectionable in that it greatly increases the weight of the drawer and sofa, is greatly in the way in removing the mattress and bedding, and necessitates lifting the mattress bodily out of the drawer and again up upon it.

My invention differs therefrom, and is an improvement thereon, in that by means thereof the mattress may be readily removed from the drawer and placed and secured in position thereon without lifting it bodily or raising its entire weight, so that it may be handled even by a child, and in that a firm, secure support is obtained for it upon the drawer without measurably increasing the weight of the drawer.

I claim as my invention—

1. The combination of the main frame having a drawer beneath the same and opening on the front side thereof, with a mattress fitting loosely in said drawer, and a supporting-strip divided longitudinally into two parts, the one part secured to rear edge of drawer, and the other hinged to the front edge of the first part, substantially as and for the purpose set forth.

2. The combination, with the main frame of a sofa, having a drawer beneath the same opening on the front side thereof, of a mattress fitting loosely in said drawer, and provided with a cleat, K, and inclined face-strips L, secured to the under side of the frame near the front edge, substantially as and for the purpose set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

THEODORE HOFSTATTER, JR.

Witnesses:
A. W. STEIGER,
A. B. MOORE.