

A. N. HORNUNG.  
Sofa-Bedstead.

No. 212,312.

Patented Feb. 18, 1879.

Fig. 1.

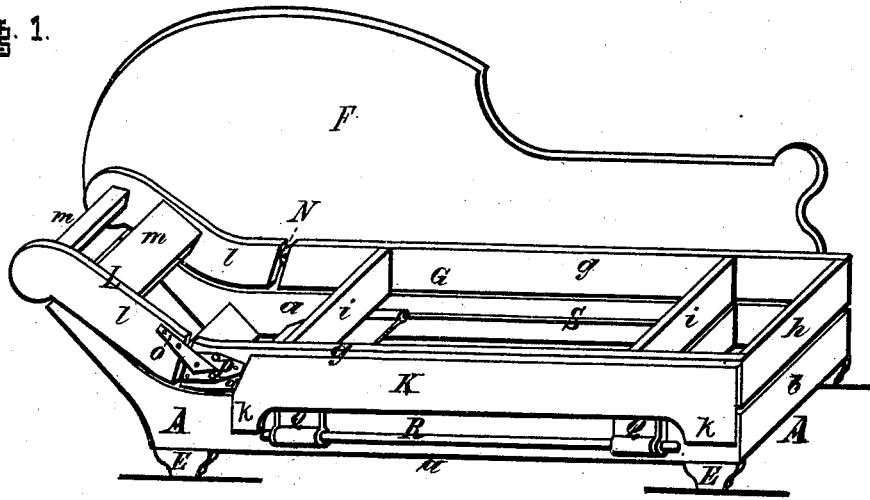


Fig. 2.

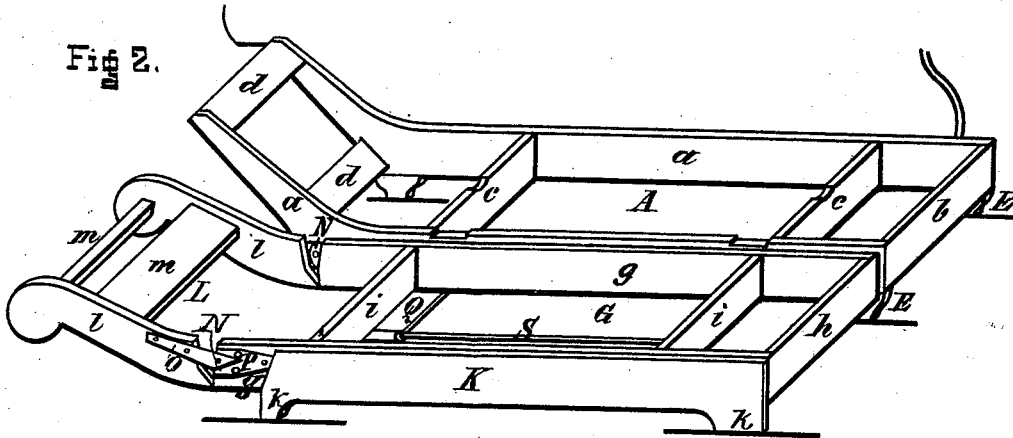


Fig. 3.

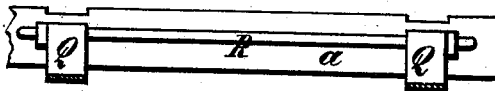
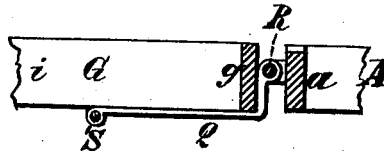


Fig. 4.



Witnesses:

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# UNITED STATES PATENT OFFICE.

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## IMPROVEMENT IN SOFA-BEDSTEDS.

Specification forming part of Letters Patent No. **212,312**, dated February 18, 1879; application filed May 27, 1878.

*To all whom it may concern:*

Be it known that I, ANTON N. HORNING, of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Sofa-Bedsteads; and I do declare that the following is a true and accurate description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, and being a part of this specification, in which—

Figure 1 represents a perspective view of the lounge-frame closed. Fig. 2 is a similar view of the same extended as a double bed. Fig. 3 is a sectional front view of that portion of the stationary frame having the cranks pivoted thereto; and Fig. 4 is a transverse section through a portion of the stationary and the extension frame, showing one of the crank-connections.

The nature of my invention relates to that class of convertible beds or lounges in which the upper or extension bolster is pivoted to the lower or stationary bolster by two cranks or pivotal arms.

My invention therein consists in providing the stationary frame of such a sofa-bedstead with a fixed head-section, and the movable frame with a pivoted head-section, the side pieces of which form an extension of the side rails of the movable frame, to which they are pivoted, and are limited in their movement by tongues and stops.

In the drawings, A is the stationary frame of the sofa-bed, which is composed of the front and rear rails *a*, made to conform with the best suited shape for a lounge adapted to sleep upon, and connected by the foot-end girt *b*, the girts *c c* for the mattress, and the slats *d d* for the cushion portion of the same, and having feet E and back F.

G is the extension or folding frame, which is composed of the front and rear rails *g*, of a foot-end girt *h*, and of cross-girts *i*, and having secured against its front rail *g* the front facing-board, K, being of more elaborate finish, and having end bottom projections, *k*, to form the front supports of the said frame while being extended, which projections may also rest upon shoulders on the front feet, E, of the stationary frame while said lounge is folded.

L is the cushion-frame, consisting of the curved sides *l*, connected by slats *m*, which frame L is connected to frame G by hinges N,

so as to permit of a vertical adjustment thereon, and a tongue, O, projecting off the end of said frame L, and, playing between stops P on end of frame G, will limit the vibration of said frame, and will support said cushion-frame in a position comfortable as a head-pillow for night-rest, while, when the lounge is folded, this cushion-frame L will occupy a more erect position by leaning against the cushion of stationary frame A.

Q Q are L-shaped cranks, the hubs of which are secured upon the ends of a shaft, R, which is pivoted against the face of rail *a* of the stationary frame A, while through the eyes on their opposite extreme ends a rod, S, is passed, which is secured to the bottom edges of girts *i* of the extension-frame G. By means of these links Q the position of the extension-frame G of the lounge can be changed so as to cover the stationary frame, as shown in Fig. 1, or to be extended, as shown in Fig. 2, when said cranks will form the supports for the rear edge of the extension-frame G, and will tie the two frames together in such a manner that they will be held and sustained in their relative positions with each other.

The bolster on the cushion-frame L will be made thick enough to be even with the cushion part of frame A while the lounge is extended.

A piece of furniture like the one above described will do away with the objections heretofore raised against this class of folding lounges, since it will give comfort in either position as a sofa or bed. It is simple in its construction, and combines strength and durability with an appearance as a sofa, which does not indicate its double uses.

What I claim as my invention is—

In a sofa-bedstead wherein the movable frame is pivoted to the stationary frame so as to always present upwardly the same side, the combination, with the stationary frame A, having fixed head-section, of the movable frame G and the head-frame L, pivoted to the ends of the side rails of such movable frame, and limited in its pivotal movement by tongues and stops, constructed and arranged substantially as described and shown.

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Witnesses:

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