

A. HENTSHEL.
Sofa-Bedstead.

No. 201,246.

Patented March 12, 1878.

Fig. 1.

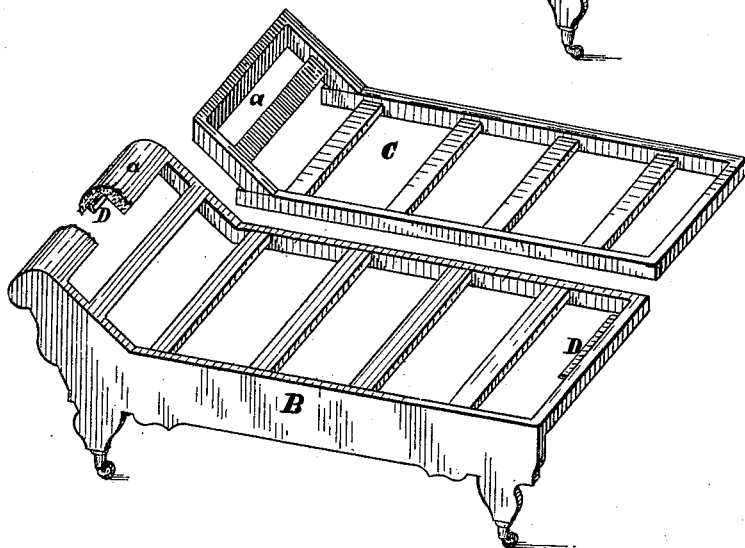
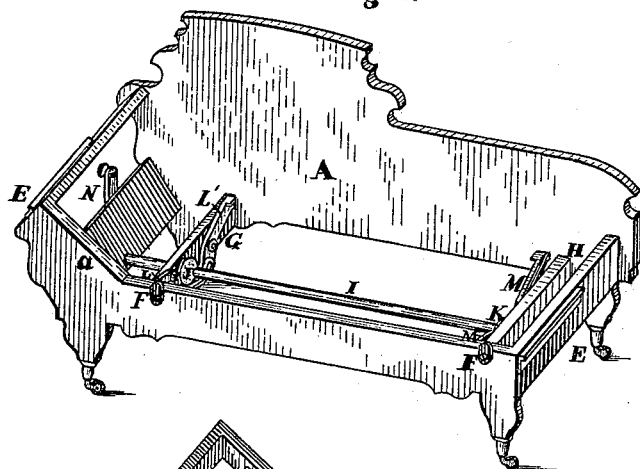


Fig. 3.

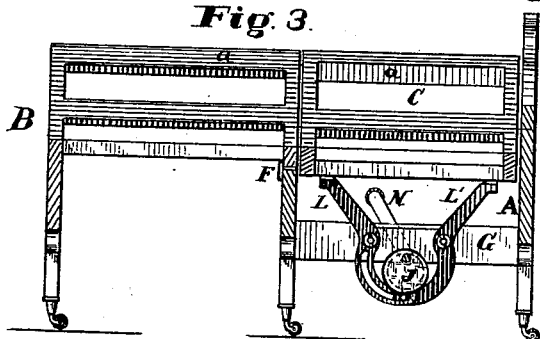
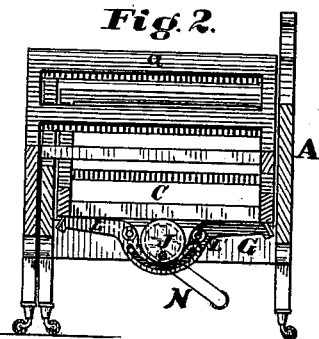


Fig. 2.



Attest.
Walter Knight
Chas J. Gooch

Inventor
August Hentshel
By Knight Bros.
Atty's.

UNITED STATES PATENT OFFICE.

AUGUST HENTSHEL, OF CINCINNATI, OHIO.

IMPROVEMENT IN SOFA-BEDSTEADS.

Specification forming part of Letters Patent No. **201,246**, dated March 12, 1878; application filed January 15, 1878.

To all whom it may concern:

Be it known that I, AUGUST HENTSHEL, of Cincinnati, Hamilton county, Ohio, have invented a new and useful Improvement in Bed-Lounges, of which the following is a specification:

This is an improved form of those bed-lounges which comprise a stationary, a sliding, and a sinking frame, my improvements being directed to a mechanical device for enabling the easy elevation, when desired, of the sinking frame.

In the accompanying drawings, Figure 1 is a perspective view, in which the three frames are represented separated from one another, a portion of the sliding frame being broken away. Fig. 2 is a transverse section of my bed-lounge closed; and Fig. 3 is its open or extended condition, and with its sinking frame elevated ready for use.

A represents the principal or stationary frame; B, the sliding or extension frame, and C the sinking frame, of which each may be provided with customary sloping head-rest *a*.

The extension-frame B has flanges D, which engage under guides E on the foot and head rails of the stationary frame.

Stops or ears F, which project upward from the front rail of the stationary frame, coact with the flange D and guide E to prevent the accidental displacement of the sliding frame, and to limit its range of extension.

Cross-rails G and H in the stationary frame serve the double purpose of supporting the sinking frame C, when at its lowest or inoperative position, and of affording journal-bearings for a rod, I, whose two cams or eccentrics, J K, operate when the rod is partially rotated to depress the tail ends of two pairs of levers, L L' M M', whose other extremities, being thus elevated, operate to lift the sinking frame C vertically to its effective position after withdrawal of the extension-frame B, as in Fig. 3. A reverse motion of the rod I, by depressing

the levers, permits the frame C to sink to its inoperative position, after which the extension-frame may be slid back to its closed position, as shown in Fig. 2. During these several movements and positions the frame C is preserved in a horizontal position, so as not to disturb the bedding.

Although the several frames are not liable to accidental displacement, the frame B can, when in its most extended condition, be easily lifted out of contact with the frame A, and the frame C can also then be lifted clear of said frame A, as shown in Fig. 1. While thus separated each frame can be cleansed in every part, or can be easily carried or transported from place to place.

The rod I, extending through the head-rail of the stationary frame, terminates in a crank, N, by which it can be operated by a person stationed at the head of the lounge without disturbing the latter or removing it from the wall of the apartment.

In the accompanying drawings I have purposely omitted the upholstery, in order to show more clearly the parts of the improvement; but in practice it is my custom to surmount each of the movable frames with a spring-cushion or bed-bottom such as ordinarily used in bed-lounges.

I claim as new and of my invention—

In combination with the sinking frame of an extension bed-lounge, the two pairs of levers, L L' M M', and the two eccentrics, J K, upon a common rod, I, journaled longitudinally in the stationary frame, the whole being arranged and operating substantially as set forth.

In testimony of which invention I hereunto set my hand.

AUG. HENTSHEL.

Attest:

WALTER KNIGHT,
L. H. BOND.