

W. LIVINGSTONE.

Sofa-Beds.

No. 155,876.

Patented Oct. 13, 1874.

Fig. 1.

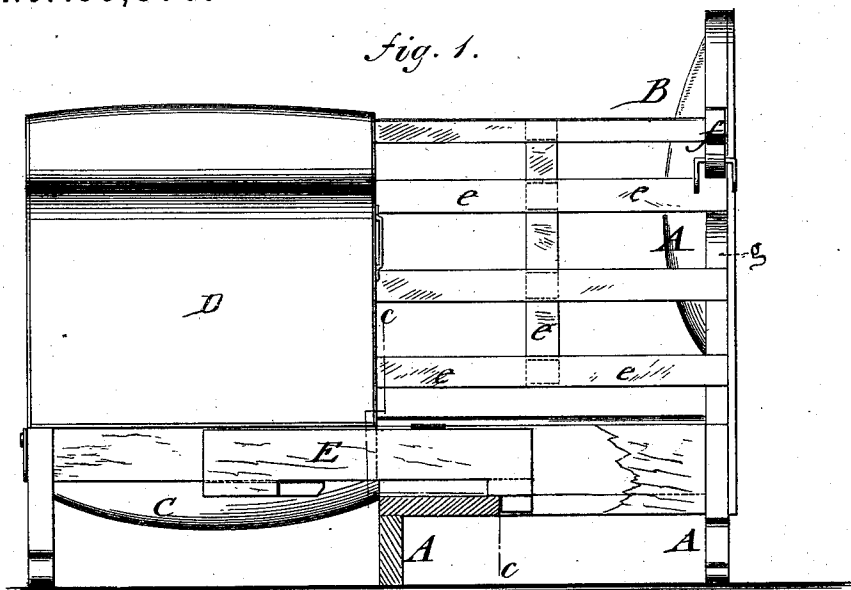


Fig. 2.

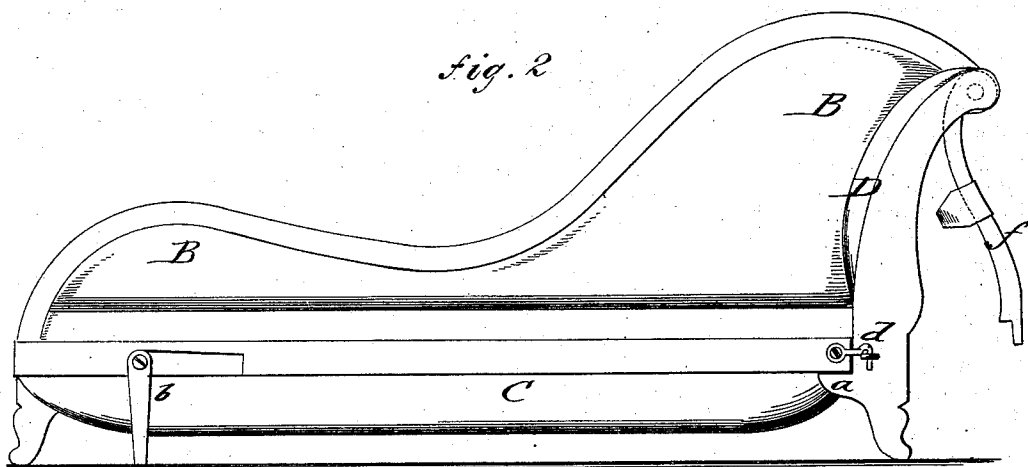
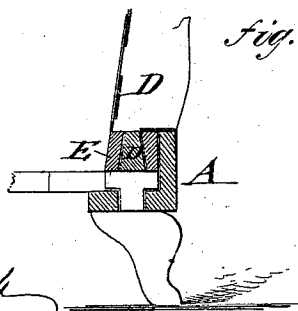


Fig. 3.



WITNESSES:

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UNITED STATES PATENT OFFICE.

WILLIAM LIVINGSTONE, OF SPRINGFIELD STORE, NEW YORK, ASSIGNOR
TO DENZER, MEDICUS & CO., OF NEW YORK CITY.

IMPROVEMENT IN SOFA-BEDS.

Specification forming part of Letters Patent No. **155,876**, dated October 13, 1874; application filed
August 1, 1874.

To all whom it may concern:

Be it known that I, WILLIAM LIVINGSTONE, of Springfield Store, in the county of Queens and State of New York, have invented a new and Improved Sofa-Bed, of which the following is a specification:

In the accompanying drawing, Figure 1 represents an end elevation of my improved sofa-bed or bed-lounge with part cut off to show slide-support of head-piece. Fig. 2 shows a front view of the same as thrown open; and Fig. 3 a detail vertical transverse section of the head-piece supporting-slides on line *c c*, Fig. 1.

Similar letters of reference indicate corresponding parts.

My invention relates to an improved sofa-bed or bed-lounge, by which the same may be readily changed from a sofa or lounge to a bed, and vice versa, being firmly and steadily supported in open or closed position. My invention consists of a movable head-piece of the sofa or lounge, which moves in suitable supporting-slides on the main frame and gives a rigid support to the hinged section when thrown open. The intermediate space between head-piece or back is provided with flexible bands, which are stored into a recess of the back and covered by a suitable pivoted face-piece.

In the drawing, A represents the frame part of my sofa-bed or bed-lounge; B, the back of the same; and C, the hinged section, which forms the seat of the sofa or lounge, and part of the bed when thrown open in the usual manner. The head-piece D is in my sofa-bed not made stationary, but movable, and may be drawn out to the full width of the hinged section. It is connected with the recessed and slotted end part of main frame A by means of extension-slides with suitable stops, as shown in Figs. 1 and 3, the intermediate supporting slide-piece E running in frame A and the head-piece inside of slide E. The head-piece D is first drawn out to its full extent; the hinged section C is then turned over

and supported on a projecting bracket-extension, *a*, of the foot of the head-piece D. The foot end of hinged section C is supported on a pivoted leg, *b*, in the customary manner. A hook and staple, *d*, secure the connection of hinged section with head-piece in the open position. The space formed between the head-piece when drawn out and the back may be bridged over for the purpose of supporting the pillows with rigid wood or metallic bands, which slide into the head-piece, or provided with lateral and cross-bands *e*, of suitable flexible material, which are stored away into a recess, *g*, of the back B, on sliding back the head-piece. A pivoted arm, *f*, is applied to the back, and is placed over the bands *e* after the same have been carefully adjusted in the recess so as to be out of sight. The arm *f* forms the facing-piece for the same, and serves, also, by a suitable spring-catch mechanism, to connect rigidly the movable head-piece with the back. The different parts of the sofa-bed are thereby, and by the head-piece, firmly and strongly secured and supported, whether arranged as a sofa or bed, and they are also changed with ease from one position into the other.

I am aware that extension head-rests for sofa-bedsteads are not new, and I do not, therefore, desire to claim the same broadly.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The combination, in a sofa-bedstead, of the extension head-piece D, flexible bands or slides *e*, extension-slide E, and hinged independent top section C with the back B, having a recess, *g*, and a pivoted arm, *f*, for closing the rear of said recess, all the parts being constructed and relatively arranged as herein shown and described.

WILLIAM LIVINGSTONE.

Witnesses:

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