

M. Marso,

Bed Lounge.

No. 110578.

Patented Dec. 27. 1870.

Fig. 1.

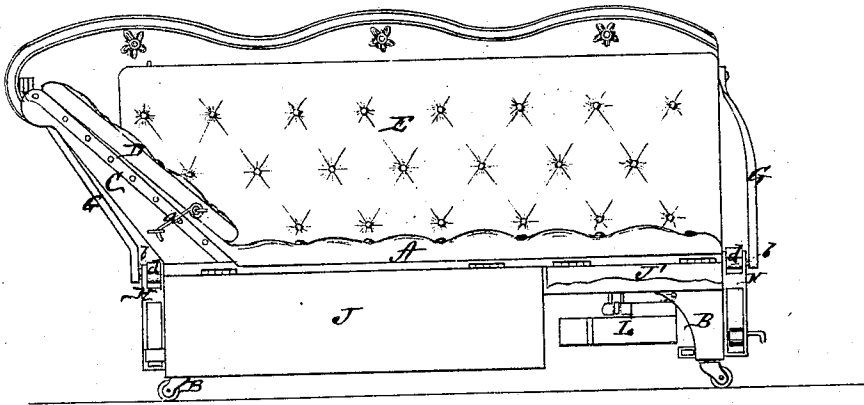
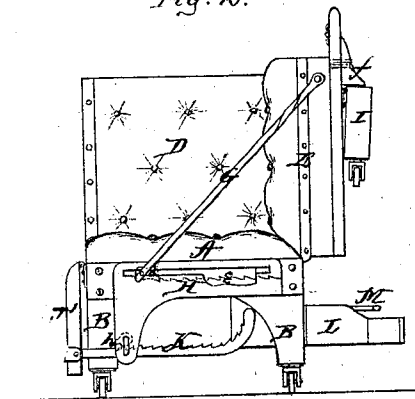


Fig. 2.



Witnesses:

Char. Jacobs

J. White

Inventor:

M. Marso

Et

J. F. Alexander

Att'y.

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2. Sheets, Sheet 2.

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Fig. 3.

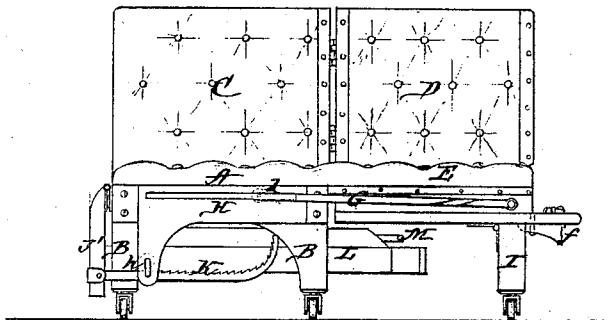


Fig. 4.

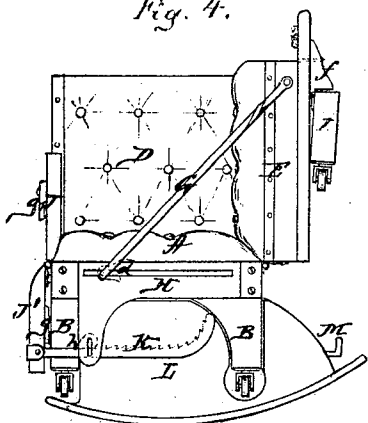


Fig. 6.

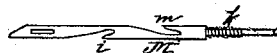
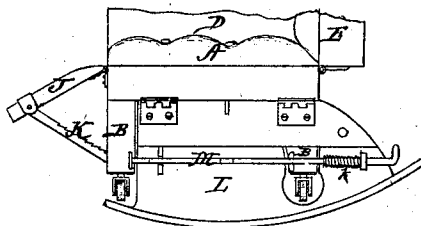


Fig. 5.



Witnesses:

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United States Patent Office.

MICHAEL MARSO, OF CHICAGO, ILLINOIS.

Letters Patent No. 110,578, dated December 27, 1870.

IMPROVEMENT IN FOLDING-LOUNGES.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, MICHAEL MARSO, of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Folding-Lounges; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon which form a part of this specification.

The nature of my invention consists in the construction and arrangement of a lounge or sofa, in such a manner that it can be as well used for a bed, cradle, and rocking-chair, as will be hereinafter fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a front view; and

Figure 2, an end view of the lounge;

Figure 3 is an end view of it as a bedstead;

Figure 4 is an end view of it as a combined rocking-chair and cradle;

Figure 5 is a transverse vertical section of fig. 4; and

Figure 6 is a side view of a spring bar which is used to confine the rockers in their positions.

A represents the seat of the lounge resting upon four feet B B, which are provided with casters in the usual manner.

At one end of the seat A is the usual inclined head-rest C, which is provided with a cushioned frame, D, hinged at the inner edge of the head-rest, and of about the same size.

This cushion is fastened by a hook, *a*, to the outer edge of the head-rest, as shown in fig. 1.

Hinged to the upper rear edge of the seat A is the back E, which is cushioned in such a manner that when in a vertical position it will fit over the inner edge of the cushion D.

At each end of the back E is pivoted an arm, G, which, at its lower or outer end is provided with an inward-pointing pin, *b*.

This pin is inserted in a horizontal slot on a box or casting, H, which is secured to the end of the seat, A.

In this box or casting, below the slot, is a series of ratchet-teeth, *e e*, as shown in fig. 2, and upon the pin *b* is pivoted a pawl, *d*, which catches in the teeth *e*, and thus holds the back E in the desired position.

It will readily be seen that by this means the back E may be placed and held firmly, either in a vertical position or in as inclined a one as may be desired.

Upon the rear side of the back E are hinged two feet I I, which are also provided with casters, and buttons *f* hold said feet in the folded position shown in figs. 2 and 4.

When the back E is thrown down on a level with the seat A to form a bed, the buttons *f f* are turned to one side and the feet I I thrown down, forming the support for the back.

The upper ends of said feet then fit in recesses made in the back, and are held by the other end of the buttons *f*, being turned into a notch or groove on the feet, as shown in fig. 3.

The cushion D is then thrown over so as to form a continuation of the head-rest C, extending across the end of the bed.

On the front side of the seat A are hinged two boards, J and J', which, by hooks *g*, or other suitable means, may be connected so as to form one continuous board, extending from head to foot of the lounge.

The part J', at the foot, is of about such length as the room a person sitting at the foot of the lounge would occupy, while the part J extends from the inner edge of the former to the head of the lounge.

At each end of the bisected board J J, thus constructed, is pivoted an arm, K, the rear end of which is curved, as shown, and the upper side provided with ratchet-teeth, as shown in figs. 2, 3, 4, and 5.

These arms pass through downward-projecting extensions on the boxes or castings H H, and in the same are pivoted pawls *h h*, which catch in the teeth on the arms, and thus the whole board J J', or either part thereof, may be raised at any angle desired, forming a convenient support for the legs for invalids.

This would be especially used when the back E is thrown back at an angle.

Under each end of the seat A, inside of the feet B B, is hinged a block, L, provided with a rocker at its outer end, and so constructed or cut out that when thrown down the feet B B will fit within said block, as particularly shown in fig. 4.

On the inner side of each rocker-block L, in suitable guides, is placed a bar, M, surrounded near its rear end by a spiral spring, *k*, which throws the bar forward.

The front end of the bar M is beveled, and on the side of the bevel it is provided with a hook, *m*, while on the opposite side, between said hook and the beveled front end, is another hook, *i*, as shown in fig. 6.

When the rocker-blocks are thrown out of the way under the seat A, the hooks *i i* catch in loops or rings under said seat, holding the blocks up; and when they are thrown down so that the lounge rests upon the

rockers, the front ends of said bars and the hooks *m m* catch in loops on the inner sides of the feet *B B*, thus holding the rocker-blocks firmly in position.

The part *J* of the hinged front board is now thrown up perpendicularly, and held by the hook *a* from the cushion *D*; this part of the lounge thus forming a cradle, while the foot end forms a rocking-chair, the part *J'* of the front board being down.

If desired, both parts of the front board may be thrown up perpendicularly.

I do not mean to confine myself in the use of these improvements to lounges alone, as they may equally as well be applied to sofas.

Having thus fully described my invention,

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

1. The arms *G G*, provided with pawls *d d*, in combination with rack or teeth *e e*, all arranged to operate substantially as and for the purpose described.

2. The hinged boards *J J'*, in combination with the lounge, when said boards are so arranged as to form, in connection with the lounge, either a chair or cradle, or both together, substantially as set forth.

3. The hinged back *E*, provided with hinged feet *I I*, in combination with the pivoted arms *G G*, pins *b b*, pawls *d d*, and teeth *e e* in the boxes or castings *H H*, all substantially as and for the purposes herein set forth.

4. The rocker-blocks *L L*, hinged on the under side of the seat *A*, inside of the feet *B B*, and provided with spring bars *M M*, all constructed as described, substantially for the purposes herein set forth.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

MICHAEL MARSO.

Witnesses:

T. H. ALEXANDER,
J. V. WHITE.