

H. J. BUELL.

Combined Folding-Chair and Pillow-Rest.

No. 224,272.

Patented Feb. 10, 1880.

Fig. 1.

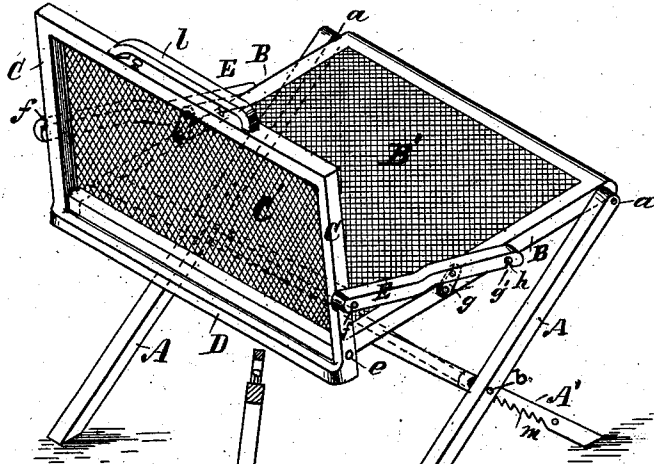


Fig. 2.

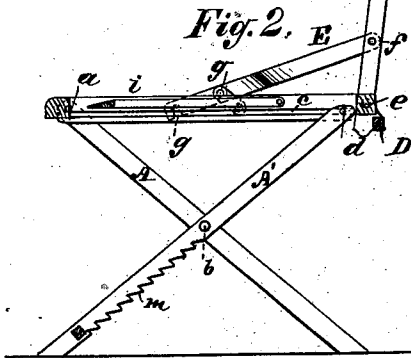


Fig. 3.

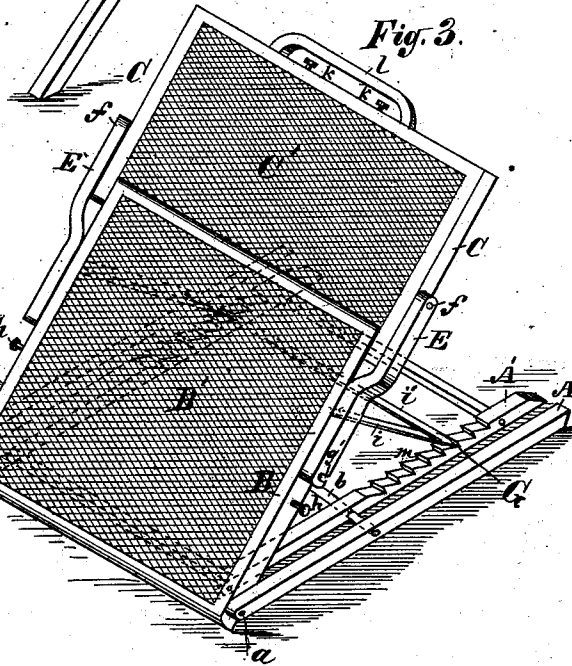
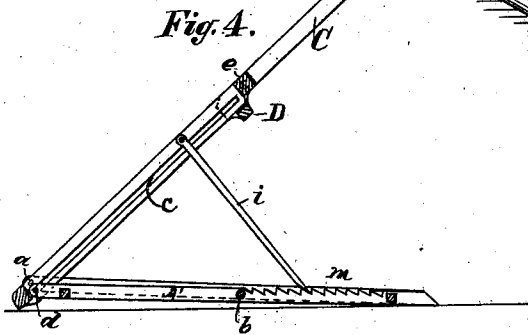


Fig. 4.



Witnesses

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HARRIET J. BUELL, OF NEW YORK, N. Y.

COMBINED FOLDING CHAIR AND PILLOW-REST.

SPECIFICATION forming part of Letters Patent No. 224,272, dated February 10, 1880.
Application filed December 17, 1879

To all whom it may concern:

Be it known that I, HARRIET J. BUELL, of the city, county, and State of New York, have invented a new and useful Combined Folding Chair and Pillow-Rest or Bed-Support, of which the following is a specification, reference being had to the accompanying drawings, forming part of the same, of which—

Figure 1 is a perspective view of my combined chair and pillow-rest when folded to form a chair. Fig. 2 is a vertical section of the same. Fig. 3 is a perspective view of the same folded to form a pillow-rest or bed-support, and Fig. 4 is a vertical section of the same.

My invention relates to a structure adapted to be folded or arranged to constitute at pleasure either a chair or an adjustable support for the upper or head portion of a bed; and it consists of the combination of parts and devices hereinafter described and claimed.

A and A' indicate bars or rods, which perform the office of legs when the structure is folded to form a chair, as in Figs. 1 and 2, and the bottom rails or foundation of the bed-rest when folded into the form seen in Figs. 3 and 4.

B indicates the side rails of the chair-seat B', and C the side rails of the chair-back C', and both together constitute the side rails of the bed-rest when the structure is folded as in Figs. 3 and 4. The legs A, on either side, are pivoted at their upper ends, at a, to the rails B on their outer sides, near the front edge of the seat B'. The legs on either side cross each other, as shown in the drawings, and are pivoted on a rod, b, which passes at each end through the legs and extends across the chair, permitting the legs to swing on said rod and fold together. Each of the side rails, B, is provided on its inner side with a groove, c, extending nearly from end to end of the rail, as seen in Figs. 3 and 4, and the upper ends of the legs A' are each provided with a stud or pin, d, projecting outward into the said grooves, and fitted to slide back and forth therein. The upper portion of the legs A and A', between the rod b and the pivots e in legs A and the studs d in legs A', are of equal length, whereby the said pivots and studs are in line with one another when the legs are folded together, whereby the seat, when the

legs are thus folded and laid down, as seen in Figs. 3 and 4, is free to swing on said points at its front edge upward and back, as shown, thereby being capable of serving the office of a bed-rest, as hereinafter described.

The side rails, C, of the back are pivoted at e to the rear ends of the side rails, B, of the seat, whereby the back may be swung up into the position seen in Figs. 1 and 2, or be laid down into the position seen in Figs. 3 and 4. A bar, D, secured to the lower ends of the rails C, and extending across from one to the other, arranged to swing down under the ends of the rails B, limits the motion of the back when swung into the position seen in Figs. 3 and 4.

E indicates bars which serve the purpose of chair-arms. They are pivoted at their rear ends, at f, to the rails C, and are connected to the side rails, B, of the seat by short rods or links g, the same being pivoted one end to the rails B and the other to the said bars E. The latter are provided at the under sides of their forward ends with notches g', fitted to drop onto and engage pins or short studs h, that are fixed in and project outward from the rails B when the back is swung up into the position as in Figs. 1 and 2, but may be disengaged therefrom when it is desired to lay the back down into the position seen in Figs. 3 and 4.

G is a brace formed of two side bars, i, pivoted at their upper ends to the inner sides of the side rails, B, of the seat B', the lower ends being preferably connected by a bar, i', extending across from one to the other. This brace is so constructed and arranged that when the structure is to be used as a chair, as in Figs. 1 and 2, it may be folded up under the seat B', within the side rails, B, above the grooves c, so as to be out of the way of the upper ends of the legs A'; but when the legs are folded together and the back is laid over, as seen in Figs. 3 and 4, the said brace may be swung down, as seen in the latter figures, to act as an adjustable support for the bed-rest. Upon one side of the legs A' are formed a series of triangular notches, n, as seen in the several figures, with which the brace may engage when the structure is folded to form a bed or pillow rest, as in Figs. 3 and 4, and by means of which the said rest may be elevated

or depressed at pleasure at any required angle.

The back and seat may be upholstered in any way to suit the pleasure, taste, or comfort of the user.

To convert the chair, as arranged in Figs. 1 and 2, into a bed-rest, as arranged in Figs. 3 and 4, it is only necessary to disengage the arms E from the pins A, allow the back C' to fall down into line with the seat B', fold the legs A and A' together, and swing down the brace G into engagement with the notches m on the legs A'. The structure will then constitute a bed or pillow rest, designed to be placed underneath the head of a bed or mattress and pillow, when, as is evident, the bed may be conveniently adjusted, lowered, or elevated to suit the convenience or comfort of the occupant.

k k' are two headed pins or studs fixed on the top of the back C', to which straps connected with a pillow may be attached to prevent the pillow from sliding down on the bed-rest, the said straps to be provided with eye-let holes for the purpose of such attachment; and l is a guard placed over the said studs.

It will be observed that the structure described constitutes a chair, and while it has a rigid seat in place of a flexible seat, the legs may nevertheless be folded together, thus enabling it to serve the purpose, at the pleasure of the user, either of a chair or an adjustable bed and pillow rest.

For sick people and for hospital purposes, this bed-rest is specially convenient and valuable.

I am aware that a folding chair has been made with the seat pivoted at its rear edge to the side rails of the back, the said rails extending downward and forming two of the legs, the other two legs crossing and pivoted to the former, with their upper ends connected together by a rung extending across the chair under the seat, the bent edges of the seat resting on the rung, so arranged that when the chair is folded up the seat folds back between the back rails, the said rung sliding along under the seat within loops or guides secured to the side rails of the seat. I do not claim such a construction and arrangement of parts, but limit my claim to the special construction and arrangement of parts described.

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

1. The combination, in a folding chair, of the seat B', back C', and arms E, pivoted to said back and connected to the said seat by the bars or links g, and provided with notches at their forward ends to engage with pins or studs k fixed in the side rails, B, of the seat, all as and for the purpose described.

2. The combination of the folding legs A A', the chair-seat B', and the brace G, constructed and arranged to fold under the said seat and swing down and engage notches in the legs A', whereby the chair described may at pleasure be converted into an adjustable bed-rest, all as described.

HARRIET J. RUBLL.

Witnesses:

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