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W. WOOLLEY.

Hospital Bedstead.

Patented Sept. 28, 1831

Fig. 1.

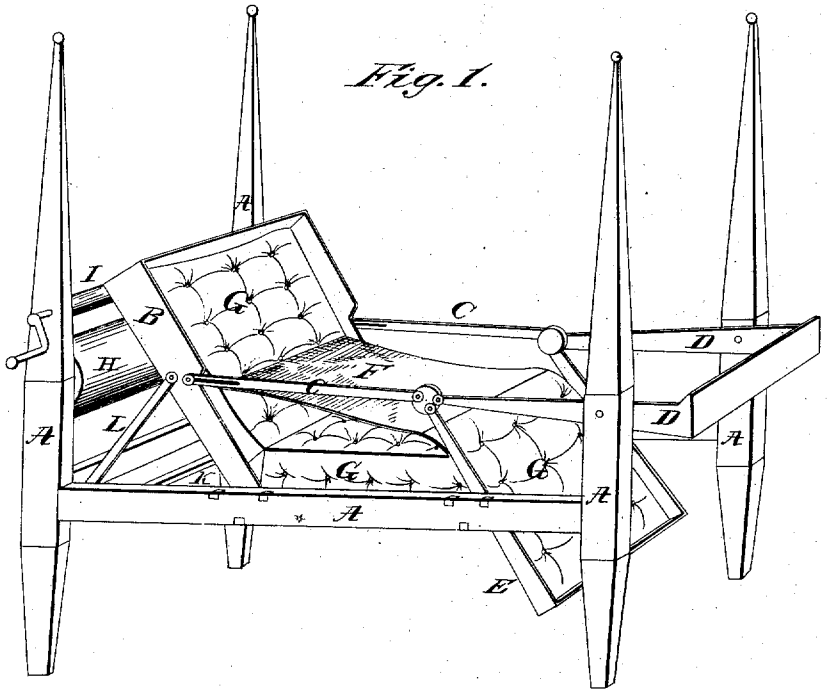
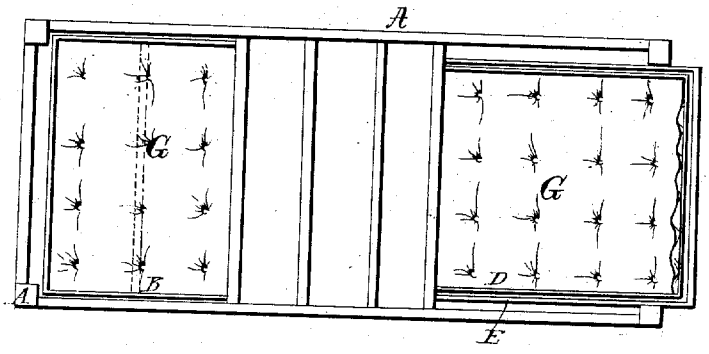


Fig. 2.



Witnesses:
Oliver S. Warren
Thomas S. Bates

Inventor
William Woolley.

N. PETERS. Photo-Lithographer, Washington, D. C.

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Williams Wadley of New York City
Letters Patent

The Bedstead referred to in these Letters Patent and making part of the same, containing a description in the words of the said Williams Wadley himself of his improvement in the Bedstead which he denominates the "Improved Chair or Hospital Bedstead"

To all to whom these Presents shall come, Be it known that I Williams Wadley of the City County and State of New York, have invented a new and valuable improvement in the Construction of a Bedstead for the sick or wounded, and that the following is a full and exact description of the construction and operation of said improvement as invented by me.

This new and valuable improvement is constructed in a frame similar to the common post Bedstead, now in use. It possessing also valuable principle of being converted into an easy chair when one is required.

It consists in the first place of four moveable leaves, or frames, one of which is attached to the head, and the other to the foot of the frame before mentioned, these leaves are moveable similar to those of a table, placed in a reversed position, and rest when down, upon the cross bars at the head and foot of the frame. The seating is formed at the head and foot to bars, made to fit within the leaves. These bars are secured to those of the leaves at the head and foot, and parallel to their surfaces by common bolt screws passing through both, which afford the facility of tightening the seating at pleasure. This tightening principle is also applied to the sides of the seating by means of short bars, placed between the ends of the leaves, and secured (by screws in the same way as the head and foot) to the centre of the parallel bars of the frame. This forms the seat of the chair when required.

To convert the Bedstead into an easy chair, instead of a cross bar between the posts at the foot of the frame. There is a plan which passes through the post or frame at the foot and entering a hole for that purpose planed in the leaf. This plan is moveable at pleasure, and when withdrawn the foot leaf falls down at right angles. The leaf is then secured by means

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of cords which pass over rollers placed within the head post. The cords are wound on a drum or shaft by a crank under the whole. The improved chair bedstead possesses also the invaluable principle of raising the Patient without inconvenience, when evacuation by stool is necessary.

This is effected by having a light stuffed and quilted backing above the bed which has an aperture in the centre for the convenience of the Patient. This is secured at the ends by loops to the leaves, at the sides there are two arms which extend inclined from the head leaf nearly to the foot when they are suspended by a cord attached to the foot post

They are secured at the head by pivots or bolts to the sides of the leaves. To each side of the upper backing and at proper distances apart, are two loops, which before the patient is raised must be placed over the corresponding knob in the arms before mentioned. If the crank then be turned, the bars at the sides, are elevated with the head leaf, and raise with them the upper backing of the necessary height to insert under it a bed pan or other utensil. The arms at the sides also serve as a rest for the patient when sitting up. To dispense with the cords and crank, the arms may be furnished with a rack, to catch over a bolt at the foot of the frame. In this case the head leaf is raised by hand

The subscriber claiming the privilege of applying his improved Bed steps for hiding the screws and bolts, in his.

This improvement consists of a square piece of tin or other suitable metal, with the lower edge and sides bent over so as to form a groove: and a hole in the centre of sufficient size to admit the screw. These are fastened on with tacks over the screw hole, and another piece of the same metal is slid into the grooves, and conceals the screw from sight. The whole should be japanned or painted

Witness
Saml. Gardenier
W. P. Magrove

William Woolley

(Patented Sept 25. 1841) (Specification)