No. 719,078. PATENTED JAN. 27, 1903.

J. A. BLANCHARD.

SUPPORTING REST FOR INVALIDS.

APPLICATION FILED MAY 29, 1902.

NO MODEL.

Fig. 4.

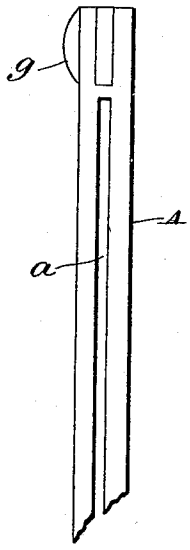


Fig. 1.

Fig. 2.

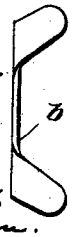
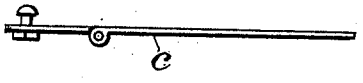


Fig. 3.



Witnesses:
Goldia A. Hoskins.
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UNITED STATES PATENT OFFICE.

JOSEPH A. BLANCHARD, OF WATERBURY, CONNECTICUT.

SUPPORTING-REST FOR INVALIDS.

SPECIFICATION forming part of Letters Patent No. 719,078, dated January 27, 1903.

Application filed May 29, 1902. Serial No. 109,572. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH A. BLANCHARD, a citizen of the United States, residing at Waterbury, in the county of New Haven and State of Connecticut, have invented certain new and useful Improvements in Supporting-Rests for Invalids; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to improvements in supporting-rests for invalids in which an upright frame operates in combination with an inclined supporting-frame to which may be attached suitable arms and a table; and the objects of my improvement are, first, to provide the means for strongly supporting the supporting-frame at any desired angle, and, second, to afford facilities for the proper adjustment of the supporting-frame, so that the same may be set at any desired angle while the upright frame remains vertical and the table horizontal. I attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a detailed view in perspective of the whole machine; Fig. 2, a side view of the guide-plate; and Fig. 3, a top view of the hinge and stud by which, in connection with the escutcheon shown in Fig. 1, the table is secured to the supporting-frame; and Fig. 4, a side elevation of one of the side rails of the upright frame.

Similar letters refer to similar parts throughout the several views.

This device consists of three principal parts, the upright frame A, the supporting-frame B, and the table C, the supporting-frame B being attached to the upright frame A by means of a long rod *m*, threaded upon each end, extending through the ends of the frame B and through slots *a* in the upright frame and having thumb-screws *l* on the ends of said rod to securely hold said frames together. To obtain a more uniform and secure adjustment, a guide-plate *b* is placed between the thumb-screw *l* and the outer edge of the upright frame.

The table C is attached to the supporting-frame by means of a hinge and stud *c* engaging an escutcheon *d* attached to the outside rail of the supporting-frame.

The upright frame is designed to be set against the head of an ordinary bedstead and may be secured thereto, if desired, by a screw extending through the hole *f* in the top rail of the upright frame or by any other suitable means, it being unnecessary, however, for the successful operation of this device to secure the upright frame to the bedstead, as the inclining supporting-frame will keep it in its place.

To prevent injury to the headboard of the bedstead, I have provided the pads *g*, which may be attached to the rear of the side rails of the upright frame. These may be made of rubber or of any other suitable material. The cross-rails of the supporting-frame are placed at a suitable distance from the ends of the side rails, the tops of the cross-rails being placed even with the tops of the side rails, making a suitable surface, to which a canvas or other material *n*, as shown in Fig. 1, for supporting the invalid may be attached. When the canvas is thus attached to the top of the rails of the supporting-frame, a half-round molding *h* is tacked around the edge of the canvas, giving the supporting-frame a finished appearance, and by means of the brads which extend through the half-round molding into the rails of the supporting-frame the canvas is the more securely held in place.

The table C when attached to the supporting-frame B by the means above set forth may be adjusted so as to be level by means of thumb-screws *i* and the slots *j* through the legs *e*.

When in operation, the supporting-frame B may be adjusted at any desired angle by loosening the thumb-screws *l* and then forcing the top of the supporting-frame either up to secure a less or down to secure a greater angle.

The escutcheon *d* is provided with a number of holes to engage the stud in the hinge *c*, so that the table when attached to the supporting-frame while at any angle may be made to sit horizontally.

Having thus fully described my invention, what I claim, and desire to secure by Letters Patent, is—

1. In a supporting-rest for invalids, the combination of an upright frame A having the side rails slotted; a supporting-frame B provided with means of adjustable attachment to said upright frame and having secured to its top surface a covering *n* of canvas or other suitable material and to the side rails thereof escutcheons; and a table provided at one end with means of attachment to the supporting-frame and having at its other end legs and means of adjustment so that the table may be supported at any desired height or angle.

2. In a supporting-rest for invalids the combination of an escutcheon mounted upon the side rail of the supporting-frame, said escutcheon being provided with a number of holes therein similar to a common keyhole; and a hinge mounted upon and attached to the supporting-arms of a table, said hinge being provided at one end with holes through which the same may be attached to said supporting-arms and at its opposite end with a projecting stud-head to engage the holes in said escutcheon.

In witness whereof I have hereunto set my hand, this 29th day of March, 1902, in the presence of two witnesses.

JOSEPH A. BLANCHARD.

Witnesses:
PATRICK J. MCMAHON,
FREDK. M. PEASLEY.