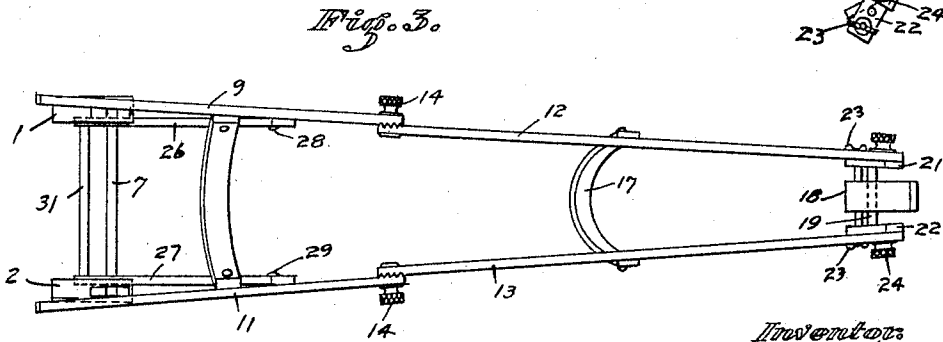
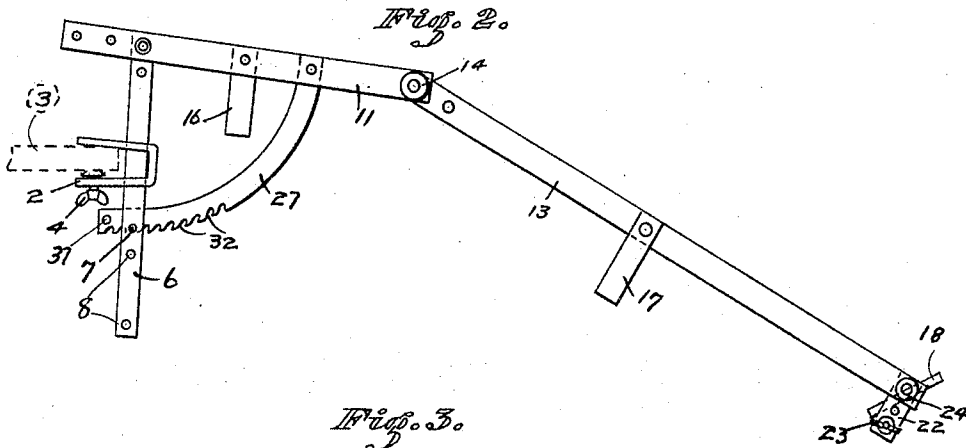
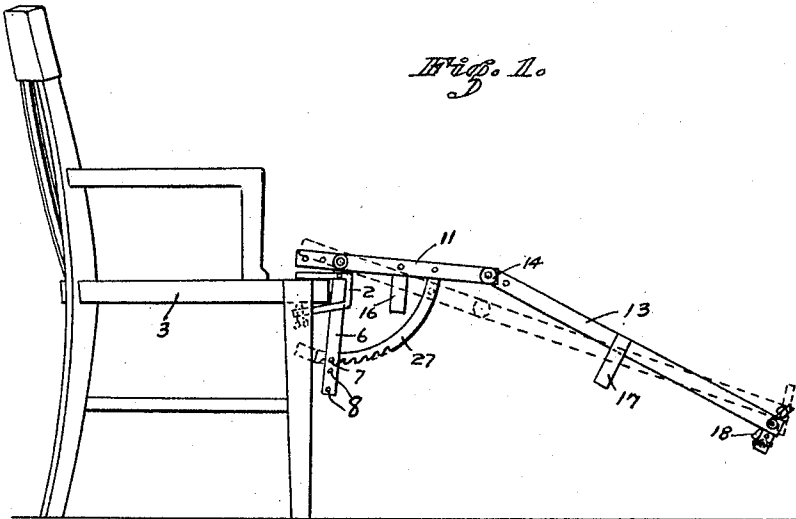


E. RAWLINSON,  
LEG SUPPORT.  
APPLICATION FILED FEB. 14, 1921.

1,400,625.

Patented Dec. 20, 1921.



Inventor:  
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By Bradley L. Benson  
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# UNITED STATES PATENT OFFICE.

EDWARD RAWLINSON, OF VALLEJO, CALIFORNIA.

## LEG-SUPPORT.

1,400,625.

Specification of Letters Patent. Patented Dec. 20, 1921.

Application filed February 14, 1921. Serial No. 444,969.

*To all whom it may concern:*

Be it known that I, EDWARD RAWLINSON, a citizen of the United States of America, residing at 1217 Napa street, city of Vallejo, in the county of Solano and State of California, have invented certain new and useful Improvements in Leg-Supports, of which the following is a specification.

The present invention is an adjustable leg support, and relates particularly to a device for ready attachment to an ordinary chair which will support an injured leg in various positions.

The primary object of the invention is to provide a device of such simple and economical construction that it will be within the reach of many disabled patients who could not afford an invalid chair.

In hospitals it frequently happens that the equipment includes but one or two of these chairs which are expensive because of the many adjustments of bodily position, and that leg patients are obliged to lie in bed unnecessarily.

My device contemplates a leg support which is easily attached to any chair and which is provided with adjustment controls whereby a patient, unassisted, may adjust the device at different angles consistent with bodily comfort.

In this specification and the annexed drawings, the invention is illustrated in the form considered to be the best, but it is to be understood that the invention is not limited to such form, because it may be embodied in other forms and it is also to be understood that in and by claims following the description it is desired to cover the invention in whatever form it may be embodied.

In the accompanying 1 sheet of drawings: Figure 1 is a side elevation of a chair showing my support attached thereto.

Fig. 2 is an enlarged side elevation of the support.

Fig. 3 is a top plan view of Fig. 2.

Referring to the drawings;

The numerals 1 and 2 indicate clamp members adapted to engage the seat portion 3 of a chair. These clamps are U shaped and are each provided with a wing bolt 4 screw threaded through one leg of the clamp in such a manner that when the bolt 4 is turned the device will grip the chair seat and expand the U-shaped clamp.

Each clamp is provided with a mortise

through which extends an upright member 6 adapted to normally slide freely through the mortise in the clamp, but when the clamp is spread by the bolt 4, as indicated in Fig. 2, the mortise acts as a frictional grip to secure the uprights at any desired height on the chair seat as, for instance, to accommodate the height of the support to that of a cushion.

The uprights 6 are connected by a cross bar 7 which engages any of apertures 8 to afford vertical adjustment for ratchet means to be described later.

As a ready means for accomplishing this adjustment I provide the cross bar 7 with right and left threaded ends and thread apertures 8 to correspond.

The uprights 6 are pivotally connected at the upper ends to members 9 and 11 which serve as the thigh portion of an articulate frame or leg support, side members 12 and 13 of which serve as a calf or lower leg support. The members 12 and 13 are pivotally connected respectively to the members 9 and 11 and may be held at any desired angle thereto by ratchet bolts 14 which serve to draw the ratchet teeth of disks on the respective members into engagement in a well known manner.

The members 9 and 11 are joined near the middle of their length by a yoke 16 and the members 12 and 13 are similarly joined by a yoke 17 to give rigidity to the structure.

The end of the device remote from the chair is provided with a foot rest 18 secured to a cross rod 19 journaled in the lower ends of members 21 and 22 pivotally connected at the upper ends to the members 12 and 13 respectively.

A wing nut 23 secures the foot rest at any desired angle to the members 21 and 22 and a similar wing nut 24 secures the said members 21 and 22 at any desired angle to the members 12 and 13.

By these two adjustments the angle position or relative angular position of foot to the lower leg may be controlled and also the length of the device adjusted to fit that of the patient's leg.

The thigh portion may be adjusted at different angles to the upright members 6 by means of a ratchet frame composed of side members 26 and 27 pivoted at 28 and 29 to the members 9 and 11.

The members 26 and 27 are connected by a cross braces 31 and each is provided with

ratchet notches 32 for engagement with the cross bar 7 in which position the device is releasably held by the weight of the device and that of the patient's leg.

5 It will be seen that I have provided a device susceptible of many and varied adjustments which may be easily effected by the patient himself and which affords various comfortable positions at a minimum ex-  
10 pense.

Obviously the frame members of my device may be draped or padded or upholstered in any suitable manner as with tape or canvas in the way customary in hospitals.

15 I claim:

1. A leg support comprising a thigh frame, a lower leg frame pivotally connected thereto, a foot support pivotally secured to said lower leg frame, upright members pivotally secured to said thigh frame, and  
20 means slidable on said upright members for securing the entire device to the seat of a chair.

2. A leg support comprising a thigh  
25 frame, a lower leg frame pivotally connected thereto, a foot support pivotally secured to said lower leg frame, upright members piv-

otally secured to said thigh frame, means for releasably securing the thigh frame to the said upright members in various posi- 30 tions, and means slidable on said upright members for securing the entire device to the seat of a chair.

3. A leg support for attachment to a chair comprising clamping means adapted to en- 35 gage the seat of said chair, upright members slidable in said clamping means, means on said clamping means for engaging said uprights when said clamp is attached to said chair and an articulate frame pivotally se- 40 cured to said upright members.

4. A leg support for attachment to a chair comprising clamping means adapted to en- gage the seat of said chair, upright members slidable in said clamping means, means on 45 said clamping means for engaging said uprights when said clamp is attached to said chair and an articulate frame pivotally secured to said upright members, and means for securing the various members of the said 50 articulate frame in various angular relative positions.

In testimony whereof I affix my signature  
EDWARD RAWLINSON.