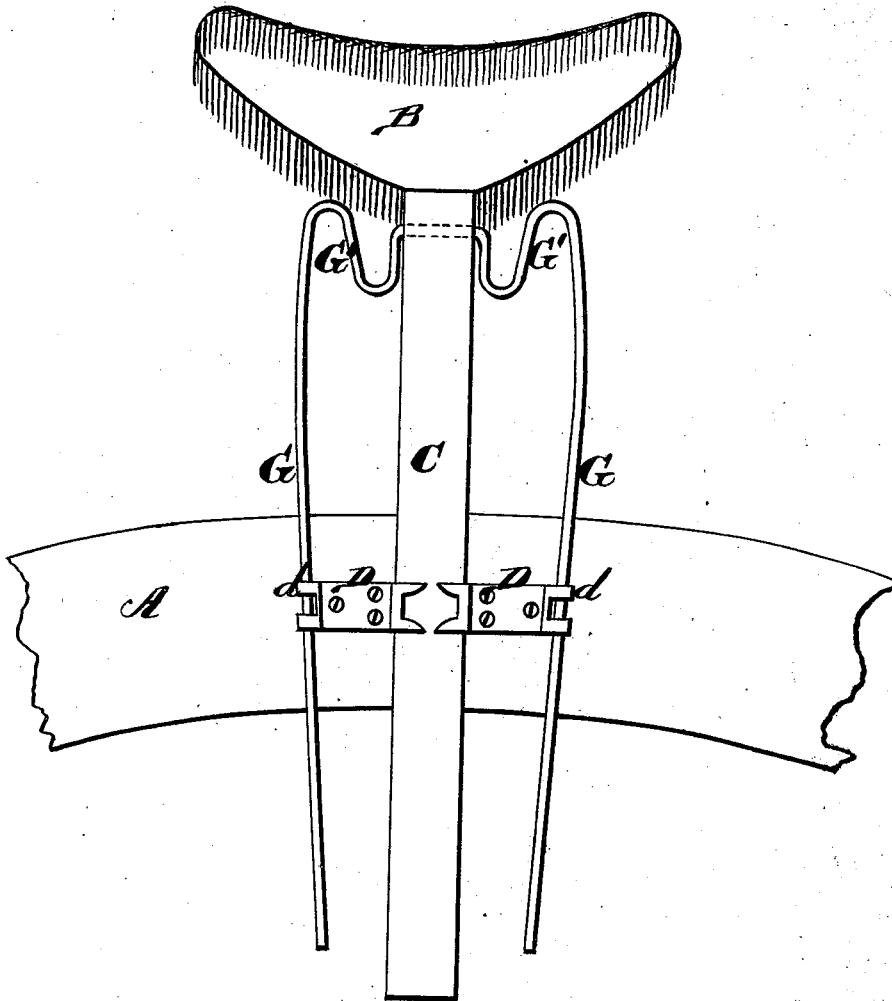


T. LEISURE.  
Head-Rest.

No. 197,382.

Patented Nov. 20, 1877.

*Fig. 1.*



WITNESSES

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*E. H. Bates*

INVENTOR.

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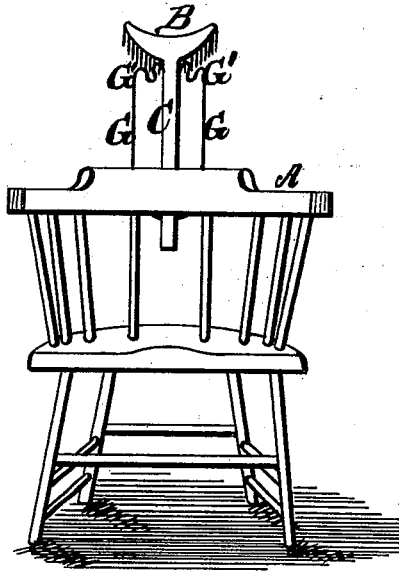
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Patented Nov. 20, 1877.

*Fig. 2.*



WITNESSES

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# UNITED STATES PATENT OFFICE.

THADDEUS LEISURE, OF BOONVILLE, NEW YORK.

## IMPROVEMENT IN HEAD-RESTS.

Specification forming part of Letters Patent No. **197,382**, dated November 20, 1877; application filed June 16, 1877.

*To all whom it may concern:*

Be it known that I, THADDEUS LEISURE, of Boonville, in the county of Oneida and State of New York, have invented a new and valuable Improvement in Head-Rests; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a back view of my head-rest. Fig. 2 is a front view of a chair with my improved head-rest applied thereto.

The nature of my invention consists in the construction and arrangement of a head-rest for office and other chairs, as will be hereinafter more fully set forth.

The annexed drawings, to which reference is made, fully illustrate my invention.

A represents a part of the back of a chair. B is the head-rest, constructed in any suitable manner, and provided with a center-bar, C; to slide up and down on the chair-back A, for adjusting the head-rest at any desired height.

The center-bar C is passed through a guide fastened on the rear side of the chair-back, said guide being composed of two metal plates, D D, the inner ends of which are bent in angular form, fitting against the sides and back of the center-bar C, forming a square loop for the passage of said bar. The outer ends of the plates D D form elongated eyes or tubes *d d*. Through these eyes or tubes are passed two spring-wire arms, G G, the upper ends of which are bent in the form of an S, and fast-

ened on opposite sides in the bar C below the head-rest; or these arms may be made of one piece of spring-wire, passed through the bar C and bent on each side thereof, to form the S springs G' G', and then the ends of the wire form the arms G, extending downward through the eyes or tubes *d* on the plates D.

The springs G' cause the arms G to have sufficient friction in the eyes *d* to hold the head-rest at any height and support the head, while the rest can be easily and quickly adjusted to any height desired.

This adjustable head-rest is to be applied to ordinary movable chairs, substantially as shown in Fig. 2 of the drawings.

I am aware that a movable and adjustable head-rest frame, with a spring-frame susceptible of being attached to and removed from a car-seat, has heretofore been used, and such I do not claim as my invention; but

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

An attachment to ordinary sitting-chairs, consisting of the plates D D, having their inner ends bent in angular form to form a square loop, and their outer ends provided with eyes *d*, the center-bar C, spring-wire arms G G, and head-rest B, substantially as shown and described.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

THADDEUS LEISURE.

Witnesses:

E. S. THOMPSON,  
S. A. JOHNSON.