

(No Model.)

W. F. WELLMAN.

ADJUSTABLE HEAD REST FOR CHAIRS.

No. 283,443.

Patented Aug. 21, 1883.

Fig. 3.

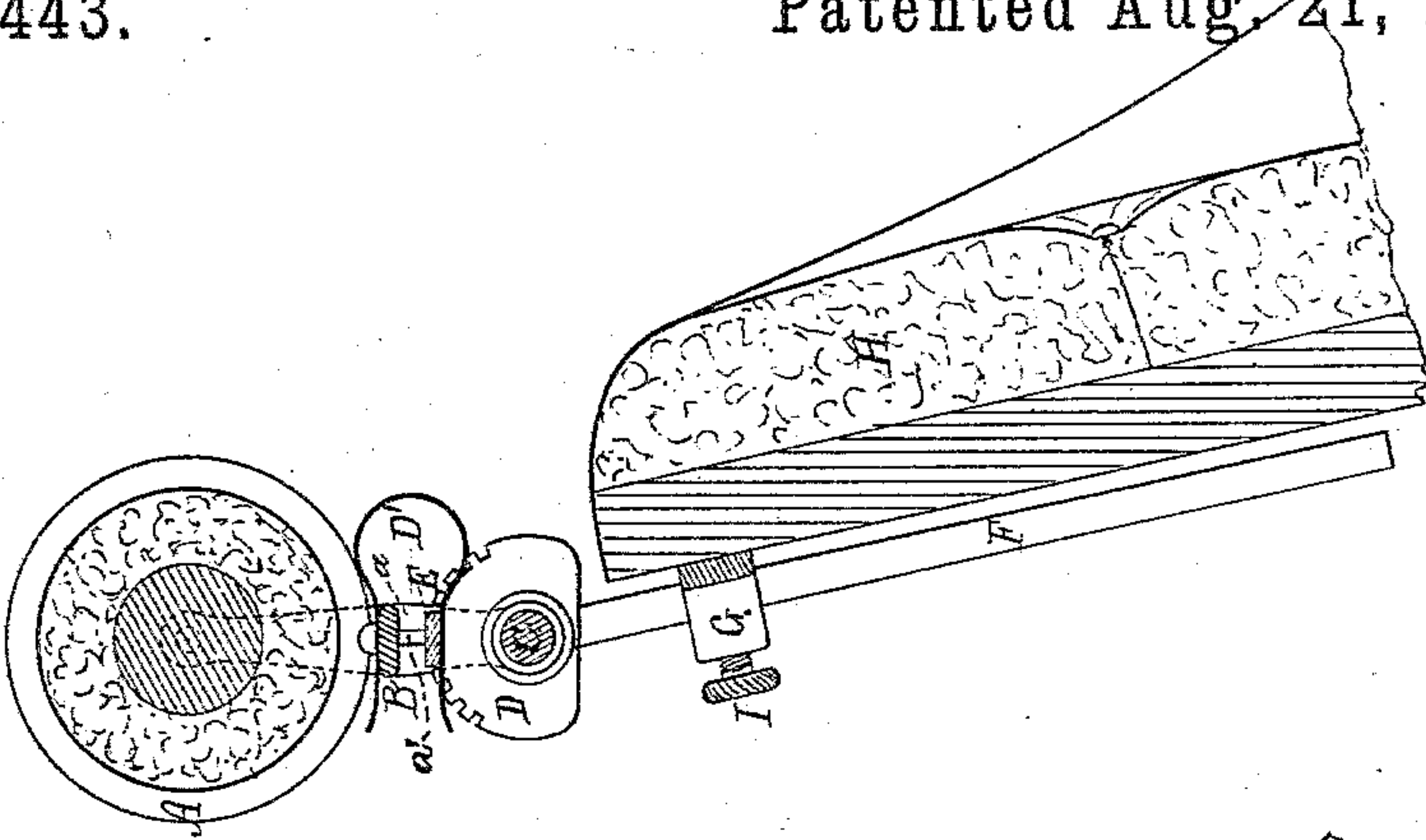


Fig. 2.

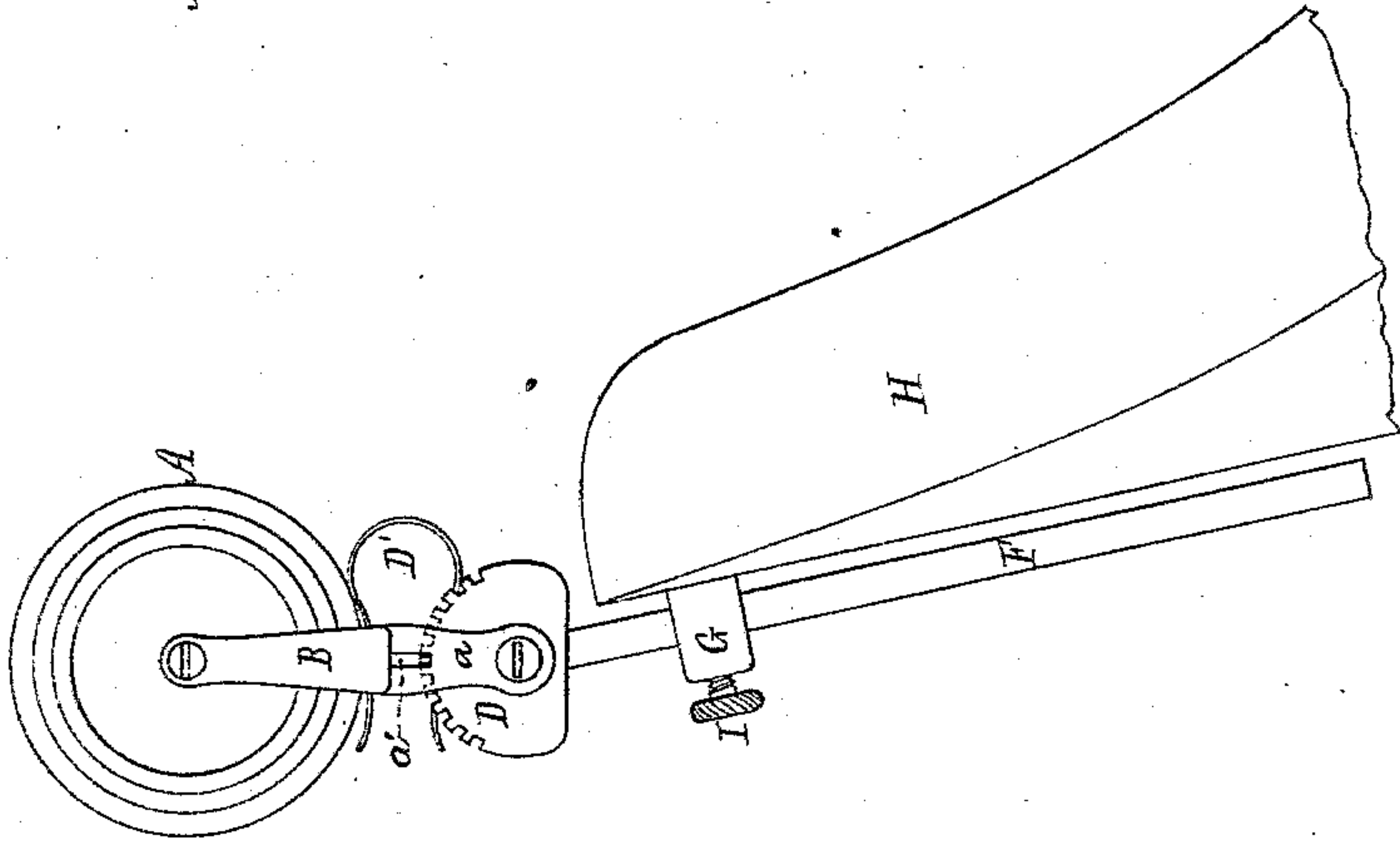
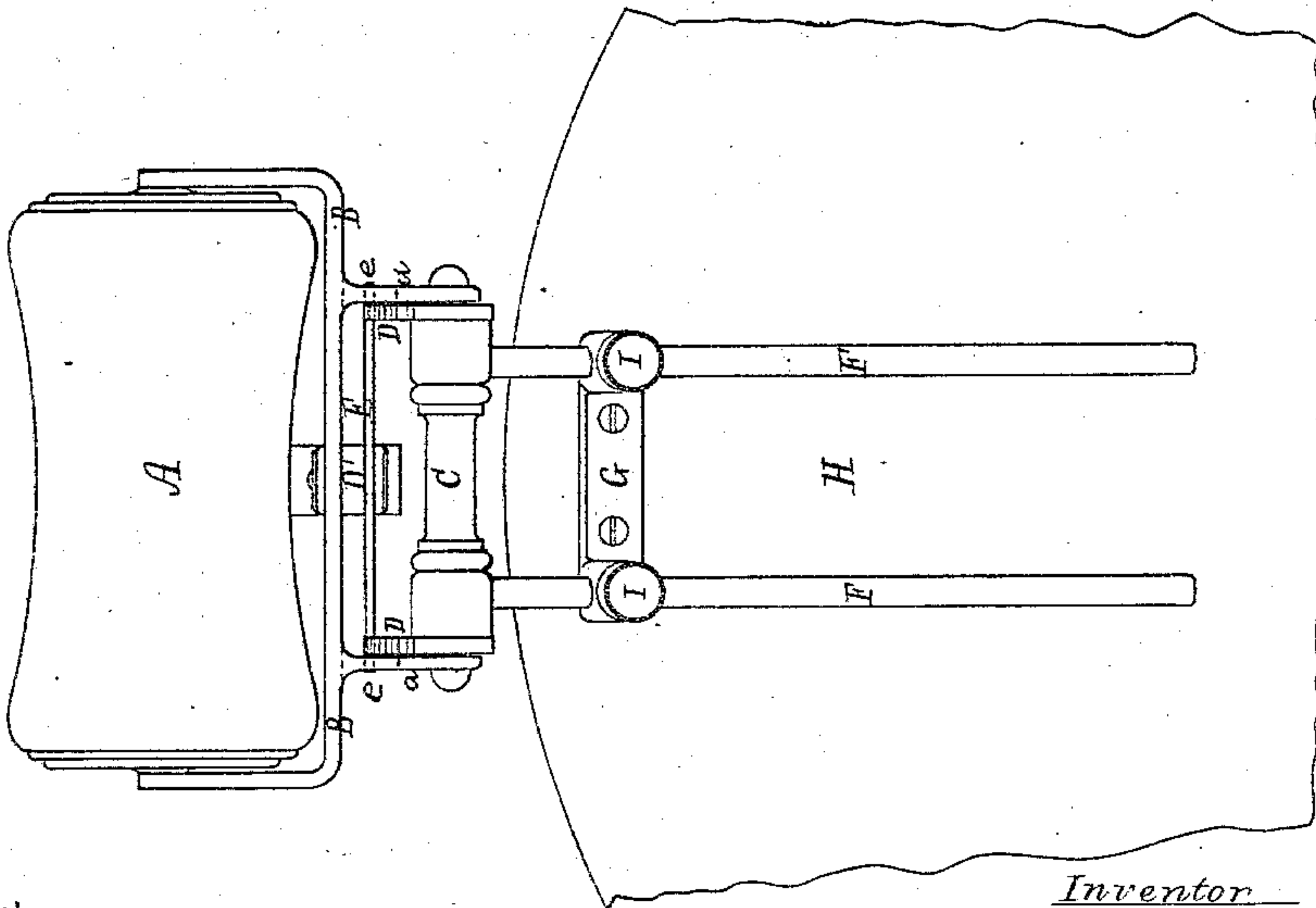


Fig. 1.



Witnesses.

S. N. Piper
E. A. Pratt

Inventor

Willard Frank Wellman.
by *R. H. Eddy* atty.

UNITED STATES PATENT OFFICE.

WILLARD FRANK WELLMAN, OF BELFAST, MAINE, ASSIGNOR, BY MESNE ASSIGNMENTS, TO HIMSELF AND FRANK A. HOWARD, OF SAME PLACE.

ADJUSTABLE HEAD-REST FOR CHAIRS.

SPECIFICATION forming part of Letters Patent No. 283,443, dated August 21, 1883.

Application filed January 2, 1883. (No model.)

To all whom it may concern:

Be it known that I, WILLARD FRANK WELLMAN, of Belfast, in the county of Waldo, in the State of Maine, have invented a new and
5 useful Improvement in Adjustable Head-Rests for Chairs; and I do hereby declare the same to be described in the following specification and represented in the accompanying drawings, of which—

10 Figure 1 is a rear elevation; Fig. 2, an end view; and Fig. 3, a transverse section of my improved head-rest as applied to the back of a chair, the nature of my invention being defined in the claim hereinafter presented.

15 This head-rest is intended for use in barbers', dentists', or various other kinds of chairs.

In the said drawings, A denotes a revoluble pad or cushion, which is formed somewhat like a dice-box—that is, its diameter at
20 the middle is less than at the ends—and the size increases gradually from the middle to the ends, giving the curve lengthwise of the cushion, as shown. It is arranged within, and at the center of its ends it is pivoted to
25 a furcated carrier, B, so as to be capable of revolving freely therein. This carrier has ears *a a* extending down from it, there being arranged between them and pivoted to them
30 a shaft, C, provided with two toothed segments or segmental ratchets, D D. A bow-spring, D', attached to the carrier at its middle, and formed and arranged therewith, as represented, has fixed to it a bar, E, that
35 tends across the toothed arcs of both of the ratchets and into them, and the ends *e* of which pass into guide-slots *a'* in the ears *a*.

From the shaft two or any other suitable number of rods, F, project downward, as
40 shown, each of them going through an ear or bracket, G, extended from the back H of the chair, and provided with a clamp-screw, I, to bear against the rod.

When a sitter in a chair provided with the revoluble pad or cushion rests his head or
45 neck thereon, such pad or cushion will easily turn and accommodate itself to the person without subjecting him to a sliding friction, such as would follow were the pad not revoluble, or one stationary, as usually made. At
50 the same time the curvature of the pad causes it to snugly fit the curve of the head, so that the latter lies easy without a tendency to roll. By means of the segmental ratchets, and their
55 pawl or cross-bar, and its supporting-spring, and the pivoted carrier, the revoluble pad or cushion can be moved or adjusted back and forth, or nearer to or from the sitter, as occasion may require. To operate this adjusting
60 device it is only necessary to push up the bar E against spring D', which can be done by the occupant of the seat from the front, if desired. The ends *e* of this bar E resting in the
65 guide-slots *a'*, keep the bar true, and it is thrown by the spring with certainty down into the proper notches of the ratchets. The whole device is also adjustable vertically or up and
down to bring the pad to a convenient altitude for sustaining the head of a person.

I am aware that a revoluble head-rest is not
70 new, and also an adjustable one is not new, and I lay no claim, broadly, thereto.

What I claim is—

The revoluble pad or cushion A and its furcated carrier B, provided with the ears *a*,
75 which have guide-slots *a'*, in combination with a supporting-frame provided with ratchets D, spring D', and bar E, attached to spring D', and having its ends *e* in the slots *a'*, all combined and arranged as and for the purpose set
80 forth.

WILLARD FRANK WELLMAN.

Witnesses:

FRANK A. GILKEY,
JOSEPH WILLIAMSON.