

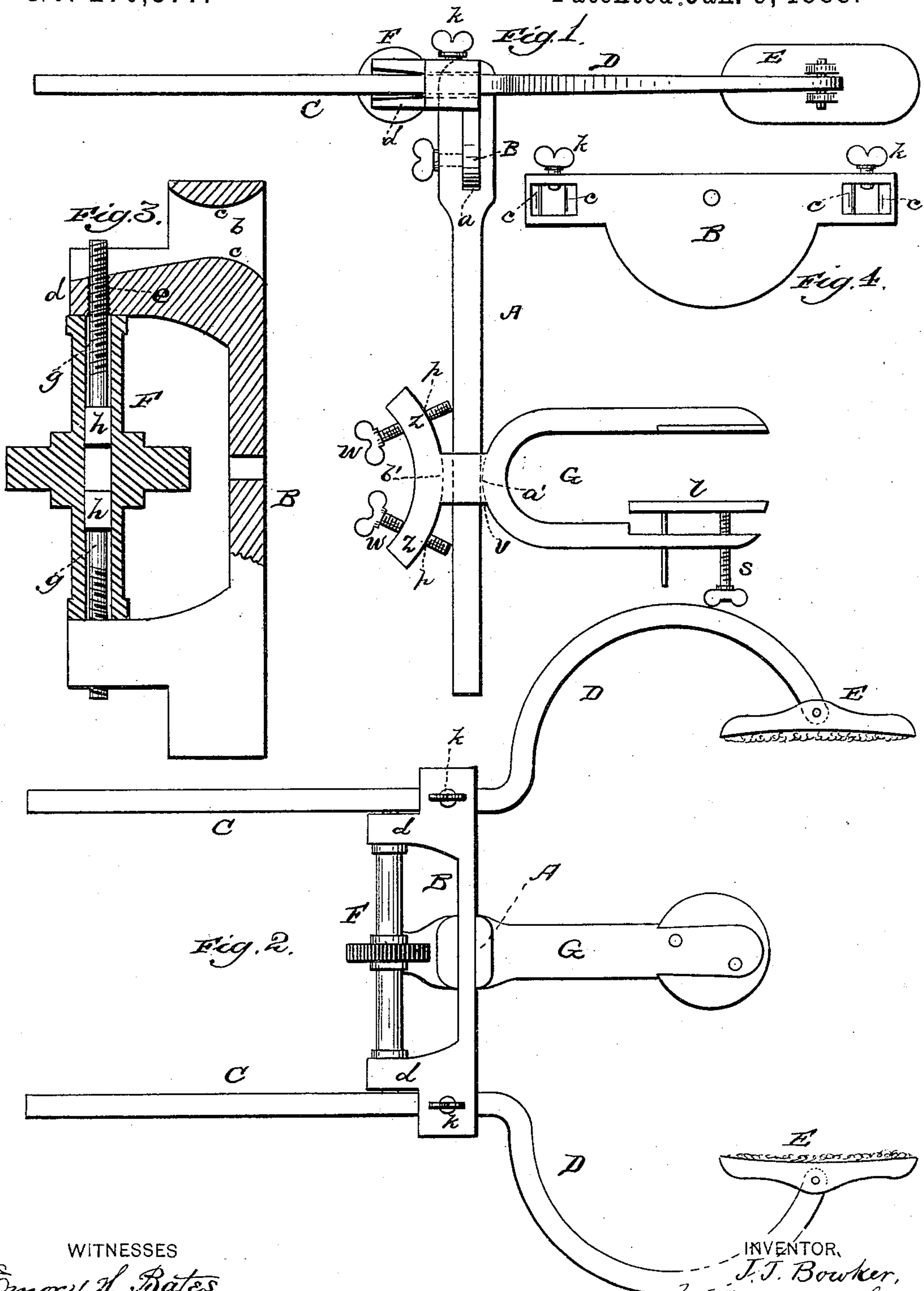
(No Model.)

J. J. BOWKER.

HEAD REST.

No. 270,377.

Patented Jan. 9, 1883.



WITNESSES
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UNITED STATES PATENT OFFICE.

JAMES J. BOWKER, OF LA OTTO, INDIANA.

HEAD-REST.

SPECIFICATION forming part of Letters Patent No. 270,377, dated January 9, 1883.

Application filed July 15, 1882. (No model.)

To all whom it may concern:

Be it known that I, JAMES J. BOWKER, a citizen of the United States, and a resident of La Otto, in the county of Noble and State of Indiana, 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 side view of my head-rest. Fig. 2 is a top view of the same. Fig. 3 is a sectional view of the part B detached from part A, and Fig. 4 is a front view of part B detached from part A.

This invention has relation to head-rest attachments for chairs, sofas, railway-seats, &c.; and it consists in the construction and novel arrangement of the end-slotted and centrally-pivoted head at the upper end of the main bar or standard, the adjustable bowed arms having pivoted pads at their ends, the transverse roller having right-and-left screws working through lugs of the head, as will be hereinafter more fully described and claimed.

In the accompanying drawings, the letter A designates the main standard or supporting-bar of this attachment, having a forked upper end, *a*, in which is pivoted the transverse head B. From front to rear through the ends of the head B are made the slots *b*, which are formed with convex lateral walls *c*, so that the stems C of the bowed arms D, which pass through these slots, will have an easy rocking movement laterally between these walls when said arms are being adjusted to fit the pivoted pads E at their ends to the head. On the back of the head B, next to the slot at each end, is formed a lug, *d*, having a threaded perforation, *e*, extending transversely through it, and engaging these perforations *e e* are the right-and-left-threaded set-screws *g g*, having squared stems *h*, which extend within the adjusting-roller F, which is transversely arranged between the lugs *d* of the head. When the roller F is turned the screws *g g* will be forced out or drawn inward through the lugs *d* of the head, and by their pressure against the stems of the arms D will cause the pads on the front ends of said arms to be applied to the head of the person occupying the chair with

the desired degree of pressure. It will therefore be apparent that these arms have a vibratory as well as a reciprocating motion, being adjustable forward and backward as well as laterally. To secure the arms, under the former adjustment, set-screws *k* are provided, passing through threaded apertures in the head leading to the slots *b*.

G represents the clamp whereby the attachment is connected to the back of a chair. It is provided with a movable jaw, *l*, which is operated by a screw, *s*. Extending from above downward through the rear portion of the clamp is a slot, *v*, through which the lower end of the standard A passes, and is adjustable to regulate the height of the rest. In front and in rear of the slot *v* are the convex curved bearings *a'* and *b'*, the latter being formed by the lugs *z*, which extend from the slot-wall upward and downward. Through these lugs *z* threaded perforations *p* are made, serving to receive the set-screws *w*, which are arranged above and below the slot *v*, and are designed to bear against the standard A when the latter has been adjusted to the proper height and desired angular position.

The standard A can be made to incline forward or backward, and the head B can be arranged in level position, or may be inclined to either side. The bowed arms can be adjusted forward or back, and their padded ends outward or inward, according to requirement. This facility of adjustment enables the device to be applied to the head in almost any ordinary position in which it may be held.

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

In a head rest attachment, the combination of the adjustable main bar, the bowed arms D, and the pivoted transverse head B, having end slots, *b*, through which said bowed arms pass, the perforated lugs *d* of the head, the right-and-left set-screws *g*, and the adjusting-roller F, operating said set-screws, substantially as specified.

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

JAMES JOSEPHUS BOWKER.

Witnesses:

JOHN DRAKE,
EMILIN DRAKE.