

(No Model.)

2 Sheets—Sheet 1.

W. H. WOOLDRIDGE.

HEAD REST.

No. 258,338.

Patented May 23, 1882.

Fig. 1

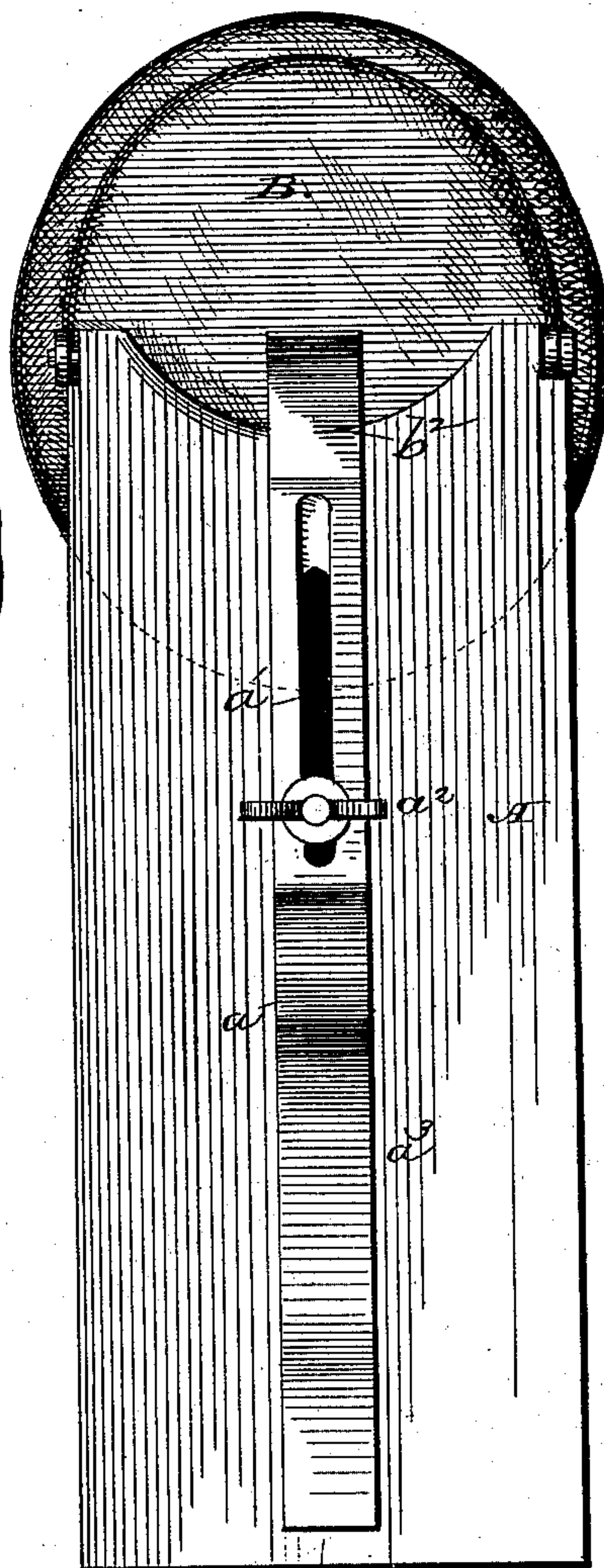


Fig. 2

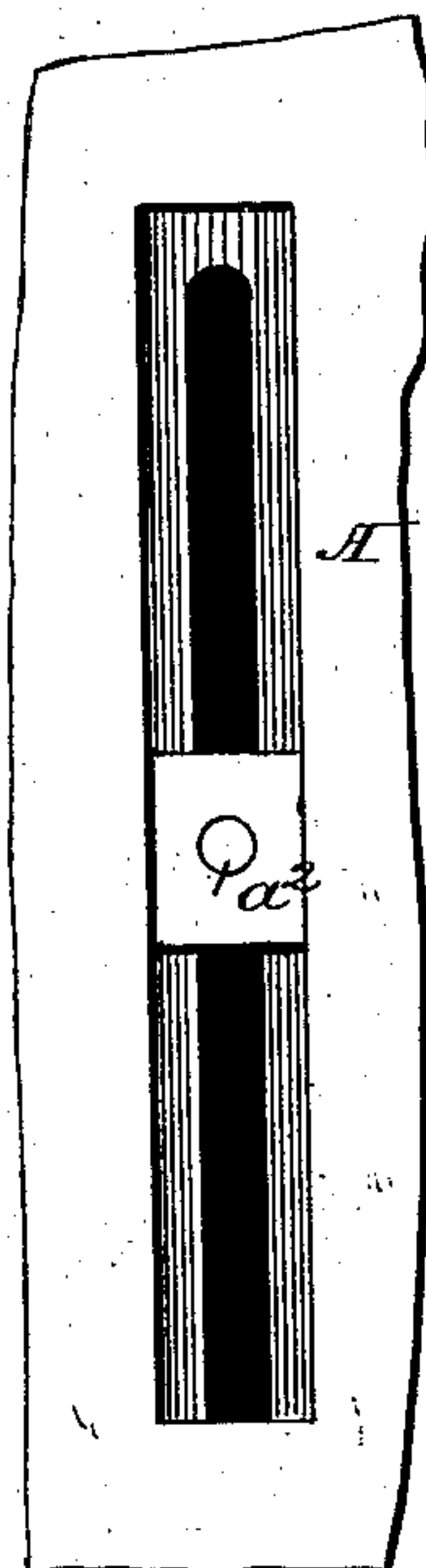
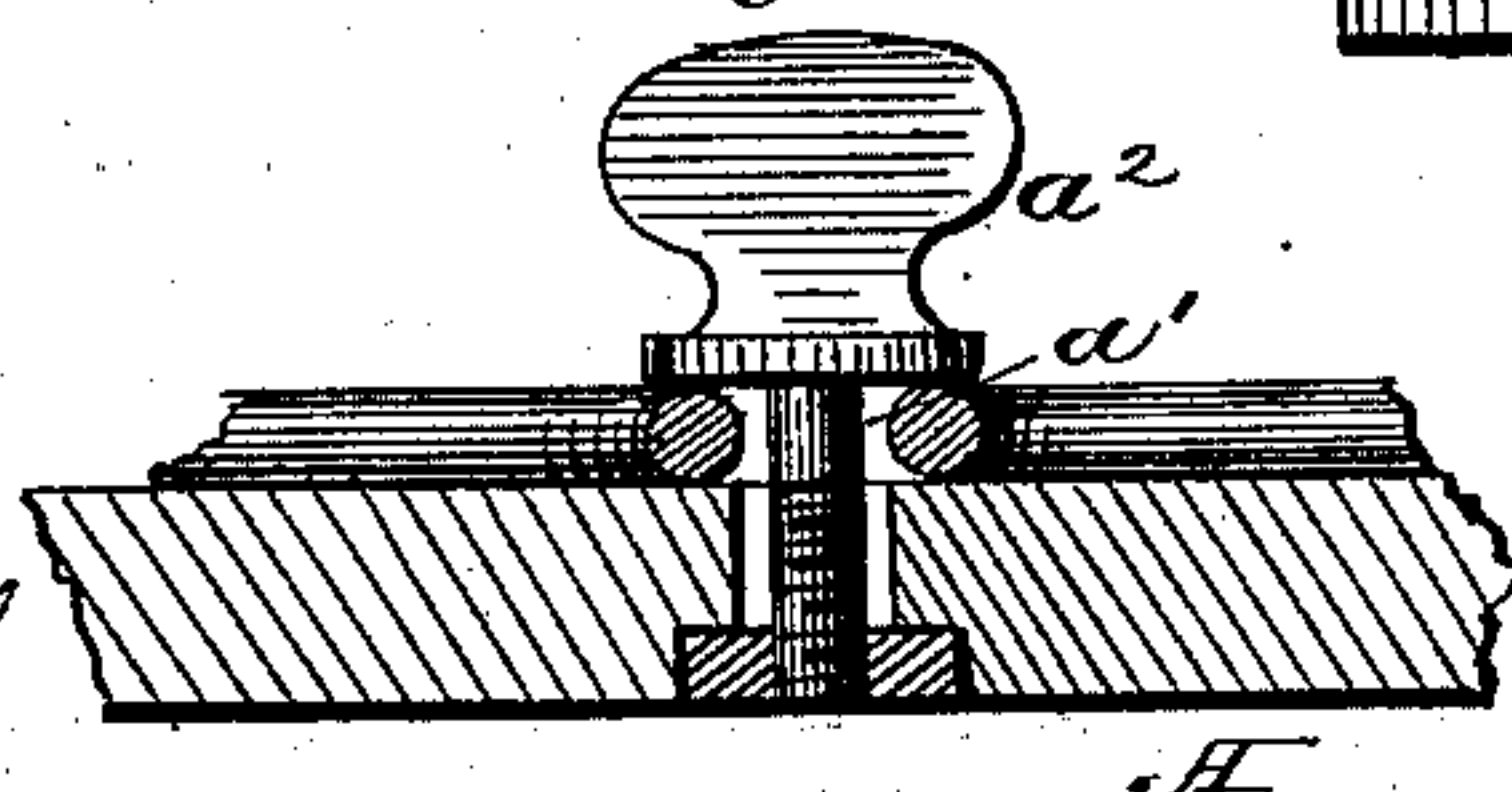


Fig. 3



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(No Model.)

2 Sheets—Sheet 2.

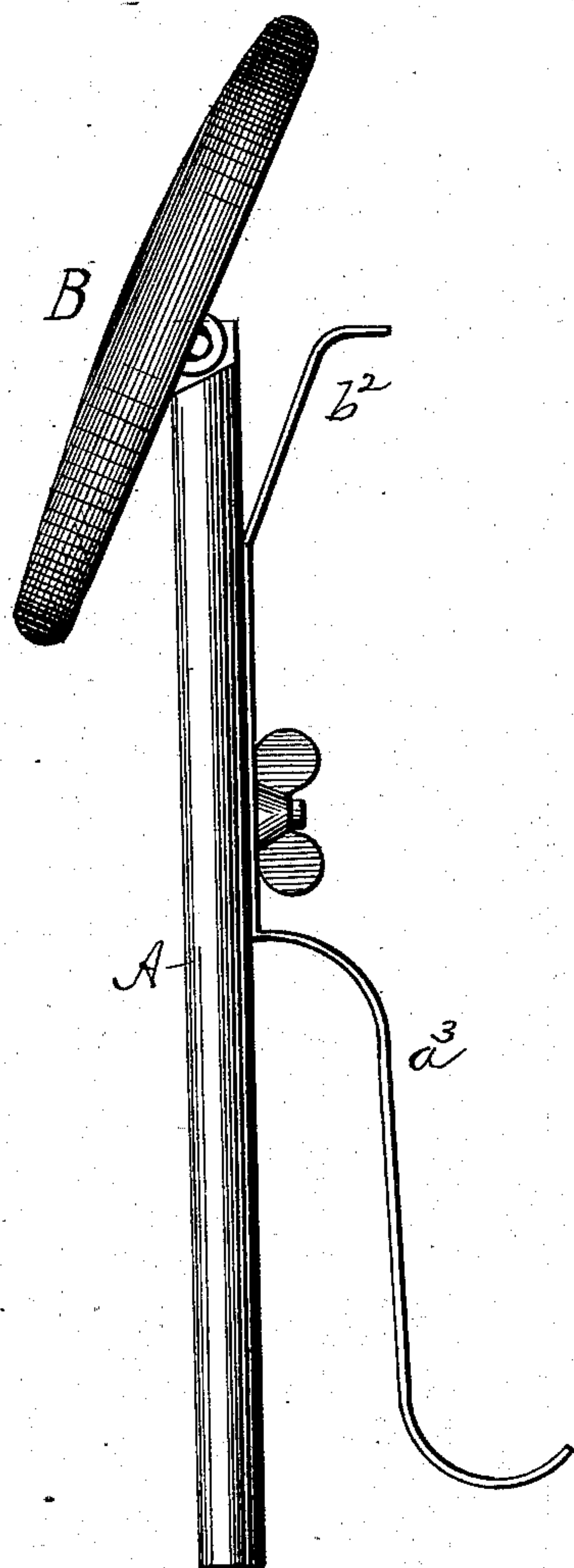
W. H. WOOLDRIDGE.

HEAD REST.

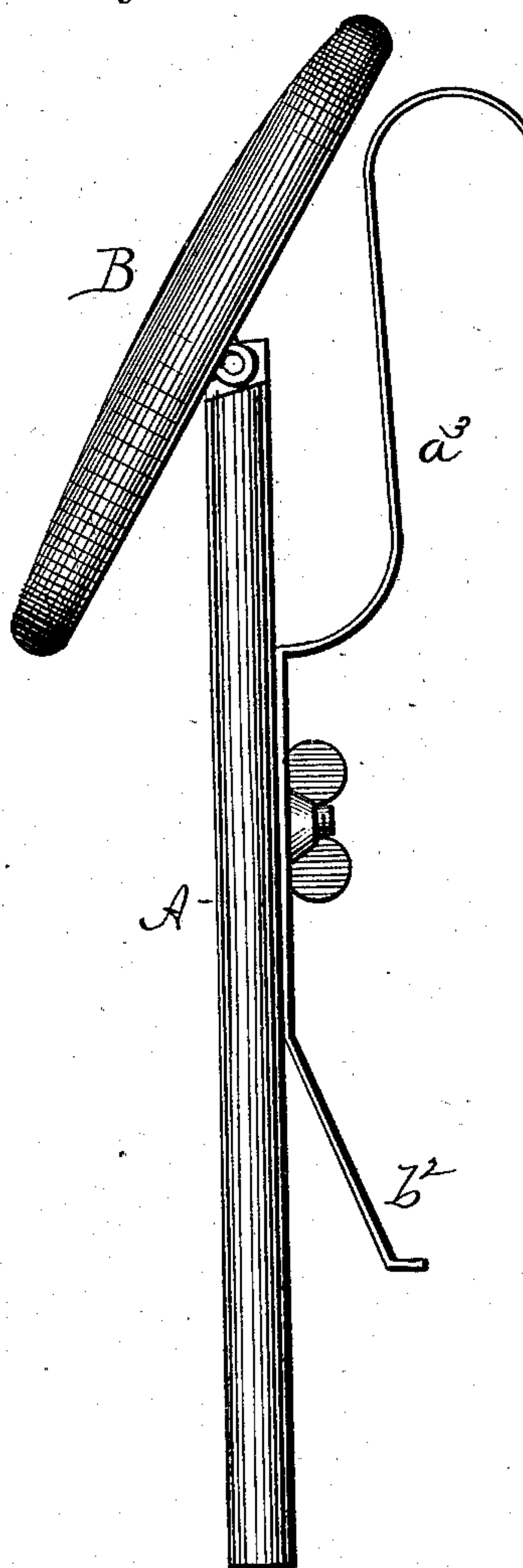
No. 258,338.

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*Fig. 4.*



*Fig. 5.*



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# UNITED STATES PATENT OFFICE.

WILLIAM H. WOOLDRIDGE, OF LOUISVILLE, KENTUCKY.

## HEAD-REST.

SPECIFICATION forming part of Letters Patent No. 258,338, dated May 23, 1882.

Application filed March 21, 1881. (No model.)

*To all whom it may concern:*

Be it known that I, WM. H. WOOLDRIDGE, a citizen of the United States, residing at Louisville, in the county of Jefferson and State of Kentucky, have invented a new and useful Improvement in Head-Rests, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification.

My invention relates to portable head-rests for seats in all kinds of public conveyances, and is designed to be used either upon the end of a seat for converting the same into a couch or upon the back of a seat for supporting the head when in an upright position.

My invention consists in certain peculiarities of construction, as hereinafter described.

In the accompanying drawings, Figure 1 is a rear elevation of my improved head-rest; Fig. 2, a partial front view, showing the manner of attaching one of the parts; Fig. 3, a partial cross-section through the standard; Fig. 4, a side elevation of the head-rest as adjusted for being attached to the back of a seat, and Fig. 5 a similar view as adapted for use upon the arm of a seat.

A represents a single standard, which is to be made of any suitable material, and preferably six by twelve inches in size. At the upper end of this standard is pivoted an annular wire frame suitable for supporting the pad or cushion B, and the said end of the standard is recessed or slightly bifurcated to prevent the center of the cushion from coming in contact therewith when pressed down by the head of the person occupying the seat to which the head-rest is attached. The standard A is provided with a central longitudinal slot, in which a thumb-screw,  $a^2$ , is to be inserted from the rear side and held by a suitable nut, which may be made to slide up and down in a seat or recess on the front side of the standard. On the rear side of the standard, and secured thereto by the said thumb-screw, is a bar,  $a$ , which is provided with a longitudinal slot,  $a'$ , through which the thumb-screw passes, and a curved or rectangular bend,  $a^3$ , below the said slot, which serves as a clamp for holding the head-rest to the back of a seat. When placed upon the back of a seat the standard rests against the

front side thereof and the curved bar fits over the top of the back and against the rear side.

It will be observed that great advantage is gained with respect to adjusting the head-rest vertically by having both the curved bar and the standard slotted, which allows the device to be made much shorter, and therefore more convenient for carrying, than it would otherwise be, while the bar and standard may be adjusted in opposite directions, and nearly the full length of the standard thus utilized for elevating the cushion.

As the bar  $a$  is secured to the standard by a cylindrical thumb-screw, it may be easily rotated upon the same and reversed end for end. When so reversed, as shown in Fig. 5, the head-rest may be placed upon the arm or side of a car-seat in such manner that the outwardly-curved end of the reversed bar shall rest upon the said arm and serve as a spring for supporting the cushion B. When in this position the opposite end of the bar, which is provided with an outward inclination,  $b^2$ , together with the lower end of the standard, rests upon the seat, and the said inclination  $b^2$  also serves as a spring. In this manner my invention may be used for conveniently converting a seat into a couch.

It is evident that my invention may be variously modified without departing from the main principle. I therefore do not limit myself to the precise form herein described. I am aware, however, that a pivoted oscillating cushion has before been employed in a head-rest, and do not claim such a feature specifically.

Having thus described my invention, what I claim is—

In a head-rest, the combination of standard A; having a central longitudinal slot and recessed at its upper end, the pivoted cushion B, and the bar  $a$ , having longitudinal slot  $a'$ , bend  $a^3$  at one end, and outward inclination  $b^2$  at the other, substantially as shown and described, and for the purposes specified.

WILLIAM H. WOOLDRIDGE.

Witnesses:

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SAM SMITH.