

(No Model.)

2 Sheets—Sheet 1.

G. A. DILLE.

ATTACHMENT FOR DENTAL CHAIRS.

No. 328,659.

Patented Oct. 20, 1885.

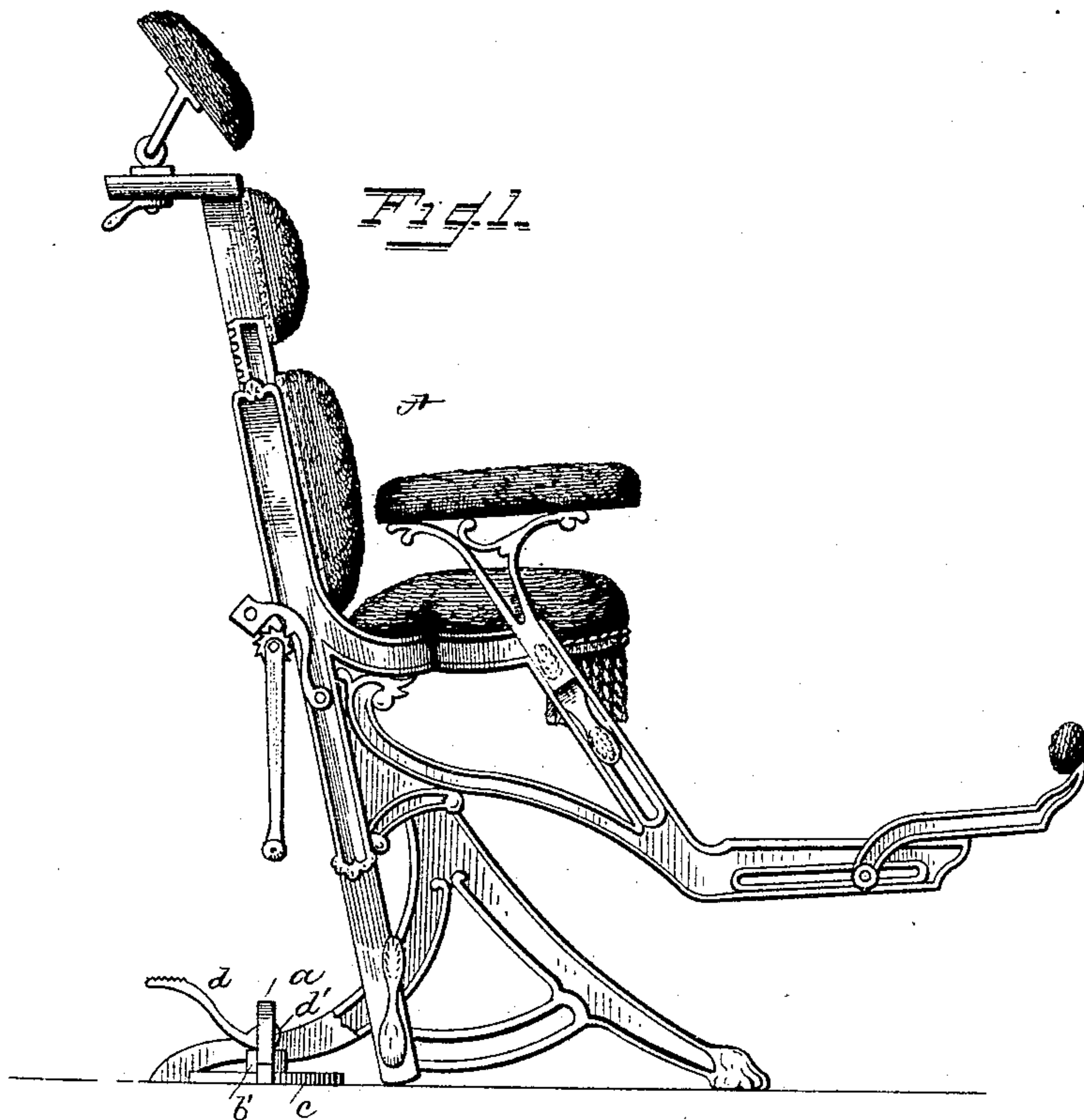
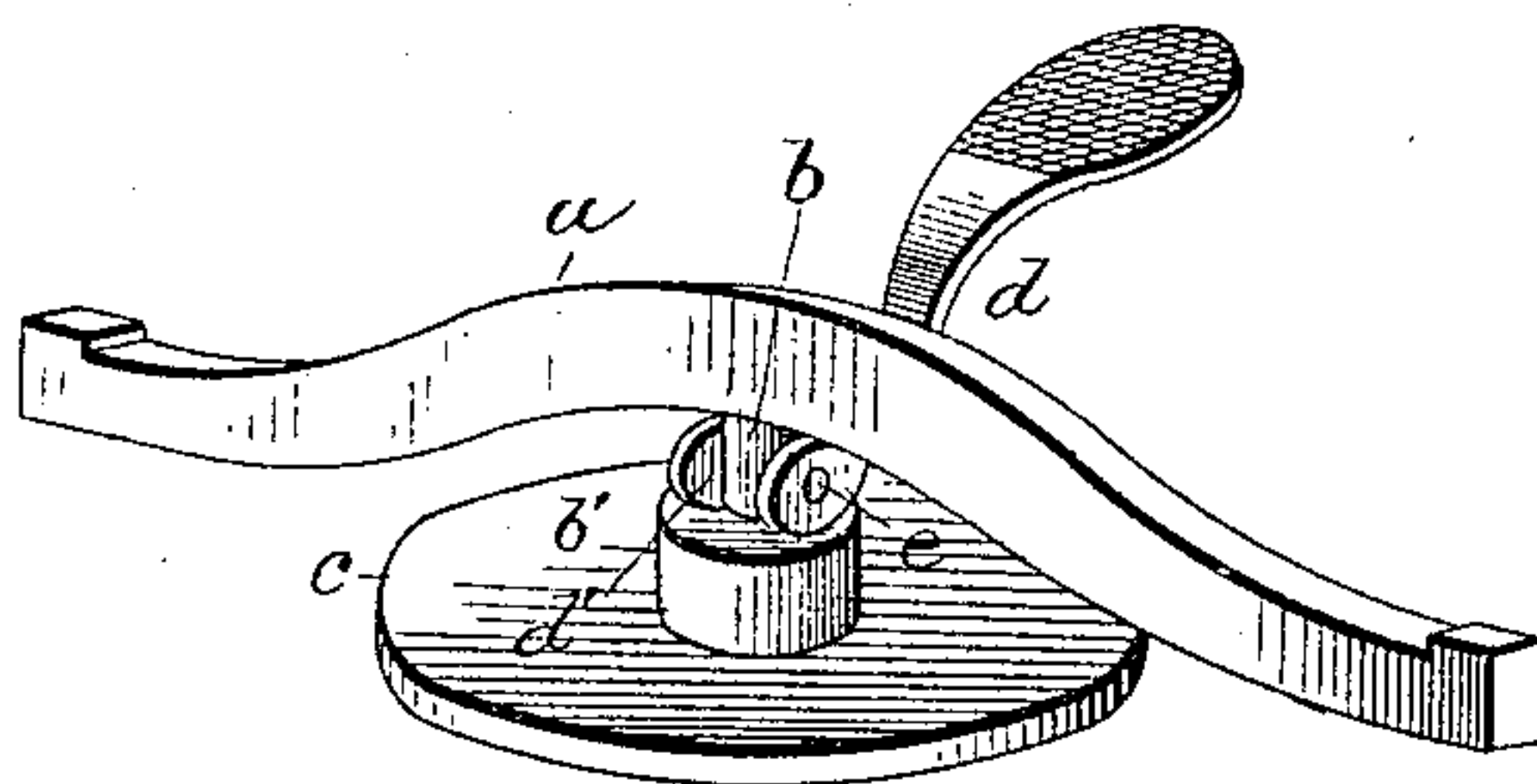


Fig. 2



WITNESSES

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Attorney

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Fig. 2.

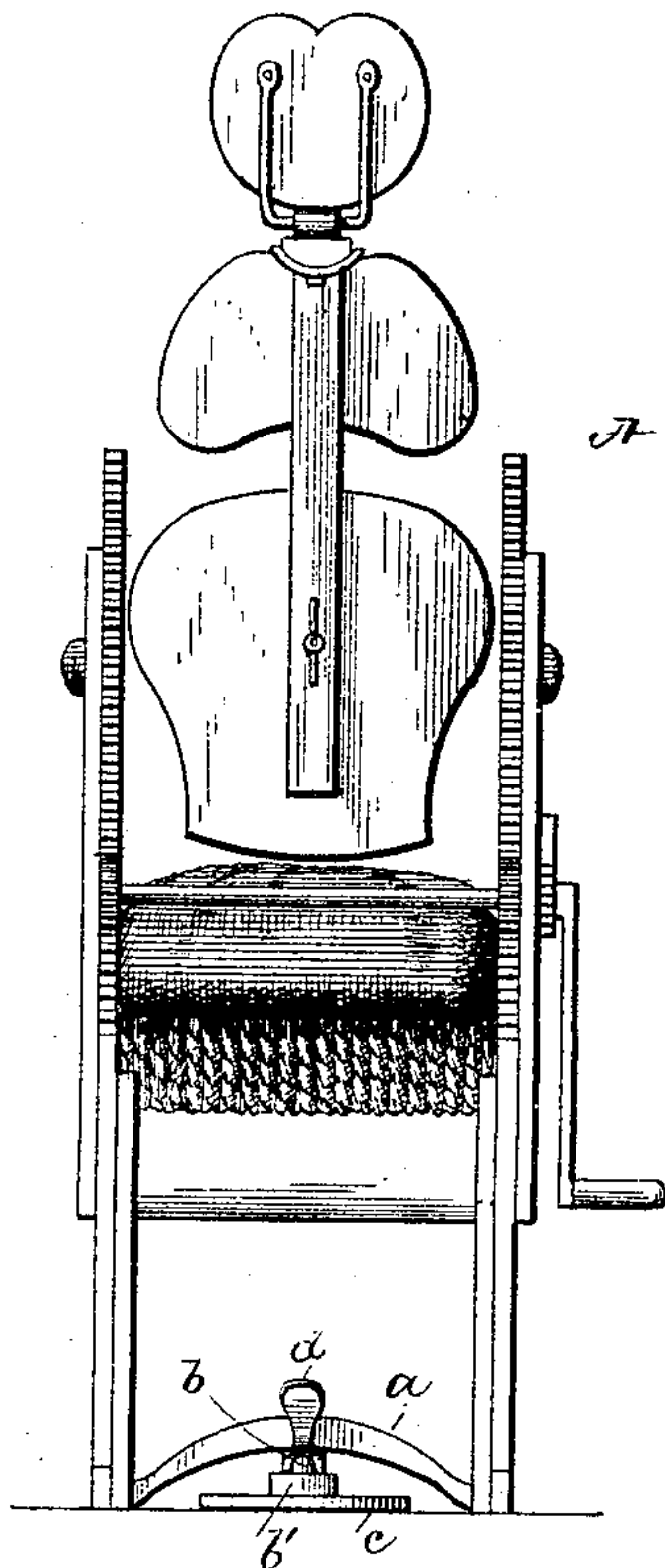
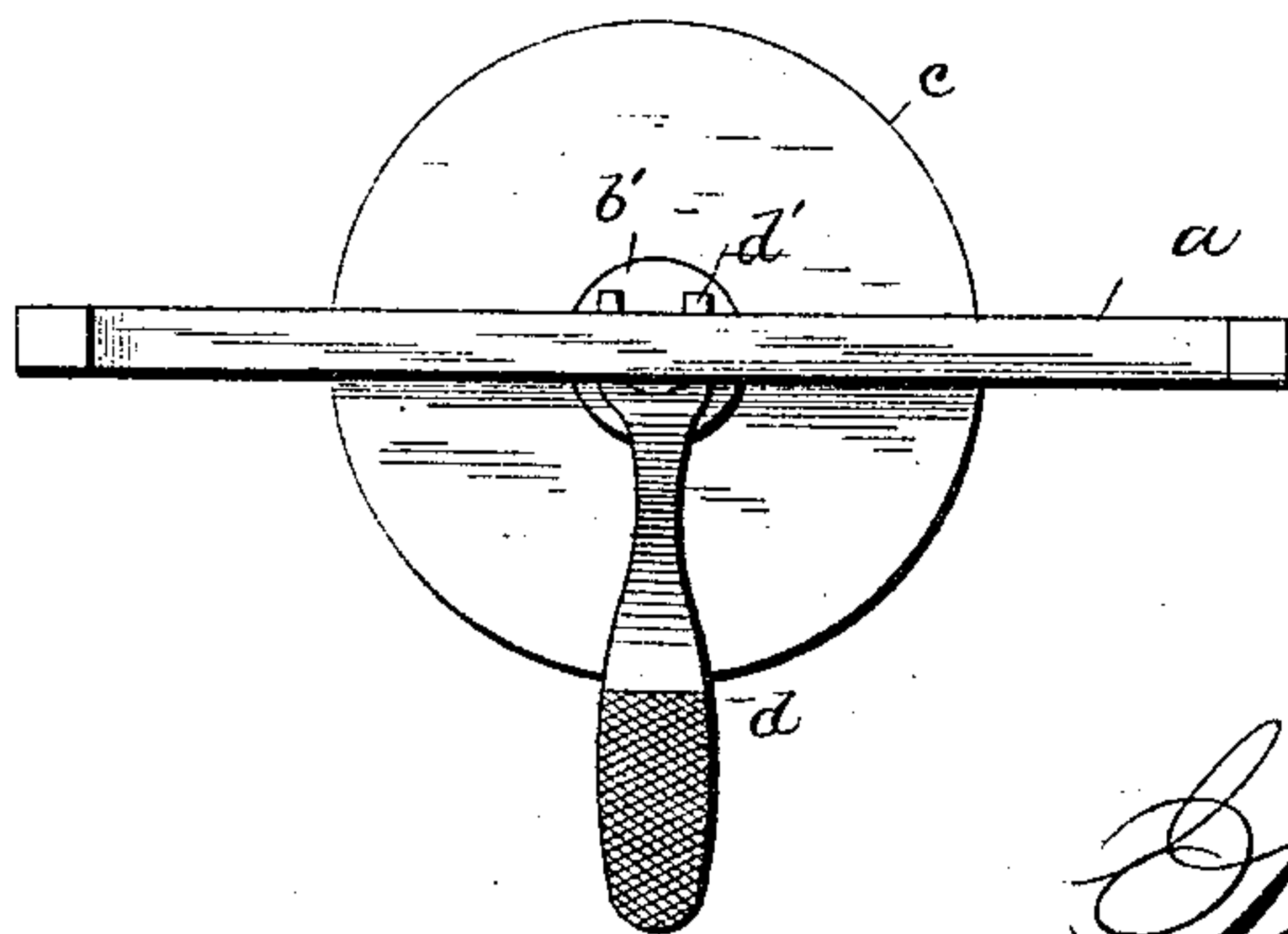


Fig. 4.



WITNESSES
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UNITED STATES PATENT OFFICE.

GEORGE A. DILLE, OF ATHENS, OHIO.

ATTACHMENT FOR DENTAL CHAIRS.

SPECIFICATION forming part of Letters Patent No. 328,659, dated October 20, 1885.

Application filed July 13, 1885. Serial No. 171,484. (No model.)

To all whom it may concern:

Be it known that I, GEORGE A. DILLE, a citizen of the United States, residing at Athens, in the county of Athens and State of Ohio, have
5 invented certain new and useful Improvements in Attachments for Dental Chairs, of which the following is a full, clear, and exact description.

In dental and similar operations it is sometimes necessary to change the position of the chair containing the patient in order to get a better light or for the more convenient access of the operator. Heretofore this changing of the position of the chair was quite difficult,
15 owing to the fact that the chairs were heavy and cumbersome. In some instances, however, rollers have been attached to the feet of the front legs. This arrangement, however, was open to the objection that the chair was
20 liable to be moved unintentionally.

The object of my present invention, therefore, is to provide an attachment whereby the chair can be readily and temporarily pivoted for the easy movement of the same, and unpivoted again when suitably arranged. To
25 this end I have devised the attachment herein, which I will now proceed to describe in detail.

In the drawings, in which the same letters of reference indicate corresponding parts, Figure 1 is a side view of a dental chair containing my attachment, with the lower portion broken out in order to more clearly show the arrangement thereof. Fig. 2 is a rear
35 view. Fig. 3 is a detail perspective of the attachment on a larger scale, and Fig. 4 is a top plan view.

The letter A designates the chair. *a* is a curved bar extending between and secured to
40 the legs of the same. At the middle point of this bar there is provided a vertical guide-pin, *b*, which passes through a hole in the central projection or hub, *b'*, on the disk *c*. A le-

ver, *d*, having a slitted cam end, *d'*, embraces the vertical guide-pin, to which it is secured 45 between the hub and bar *a* by means of a transverse fastening pin or bolt, *e*, passing through suitable holes in the slitted ends of the cam-lever and in the vertical guide-pin. Now, when it is desired to turn or move the
50 chair, the cam-lever *d* is depressed with the foot or otherwise, which elevates the back of the chair with its feet, and practically supports the rear end of the chair upon a pivot, when it may be turned or moved with ease by
55 taking hold of the rear end of the chair and tilting it back so that its front legs will be raised from the floor. After the chair has been adjusted to the satisfaction of the operator it may be lowered again to its stable position by
60 elevating the lever.

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

1. The attachment for dental and other chairs herein described, comprising the bar 65 to span the base, and having the guide-pin *b* of the frame, the disk having the central projection or hub, and a lever having a slitted cam end embracing and secured to said guide-pin between the said bar and the central hub 70 of the disk, substantially as described.

2. The combination, with a dental or similar chair, of the herein-described attachment, comprising the bar having guide-pin *b*, and spanning the base of the chair-frame, the disk hav- 75 ing the central projection or hub, and a lever having a slitted cam end embracing and secured to said guide-pin between the said bar and the central hub of the disk, substantially as described, and for the purpose set forth. 80

In testimony whereof I affix my signature in presence of two witnesses.

GEORGE A. DILLE.

Witnesses:

S. E. HEDGES,
EVAN J. JONES.