

(No Model.)

W. L. MILLER.
PILLOW OR HEAD REST.

No. 397,993.

Patented Feb. 19, 1889.

Fig. 1.

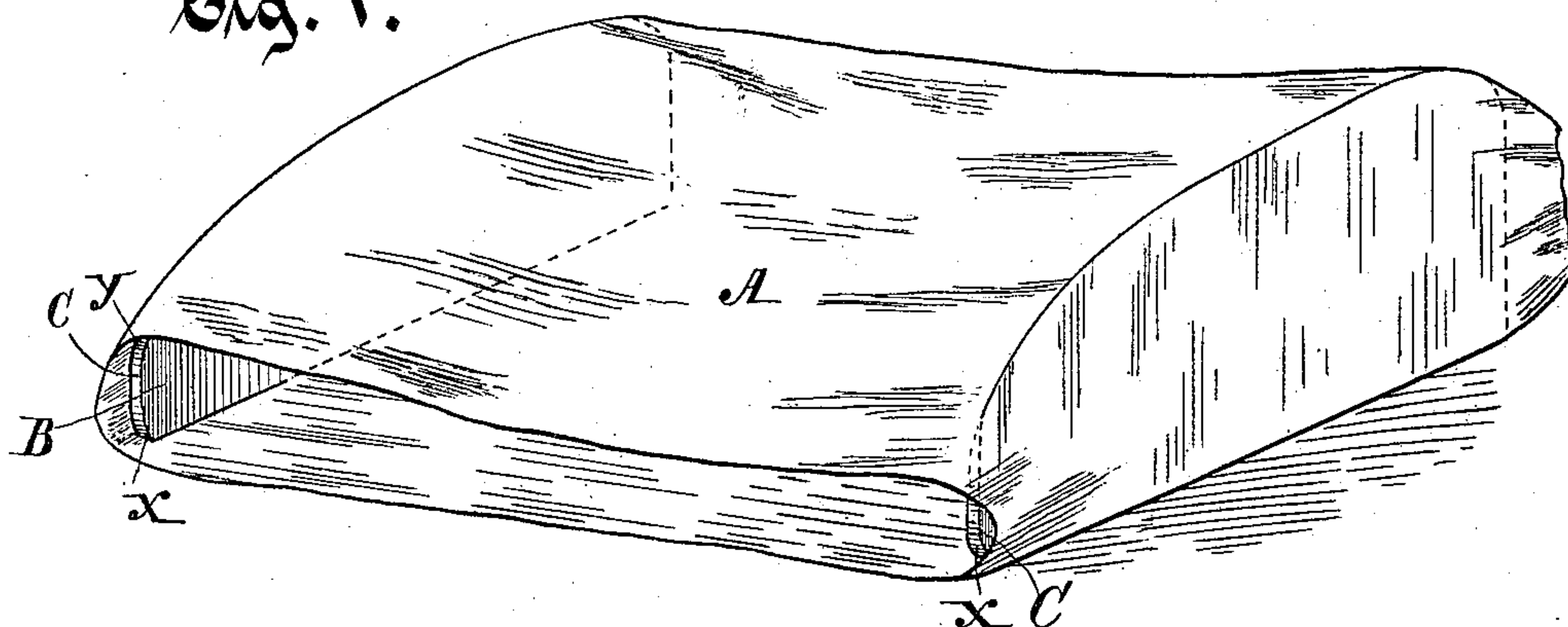


Fig. 2.

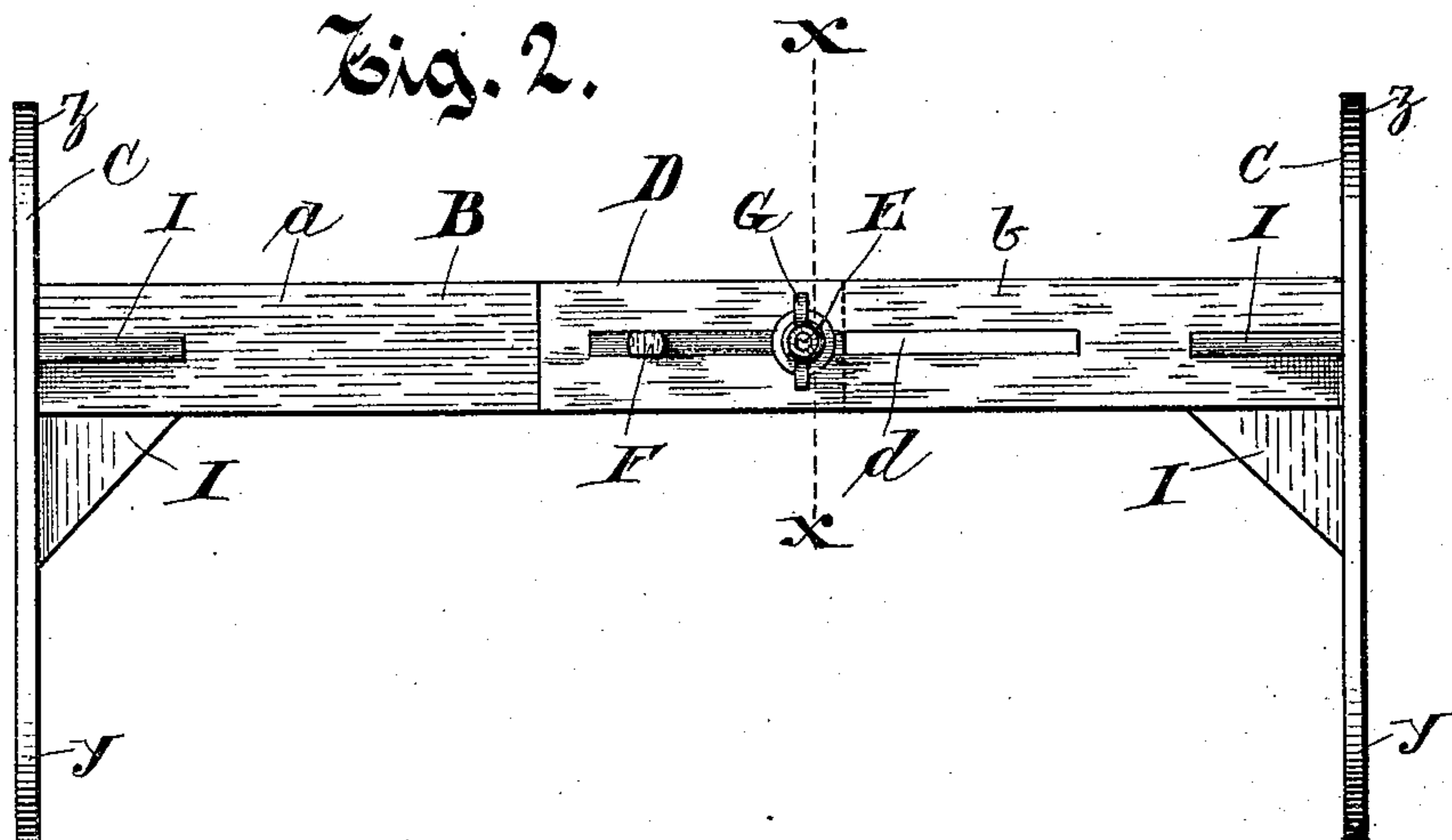
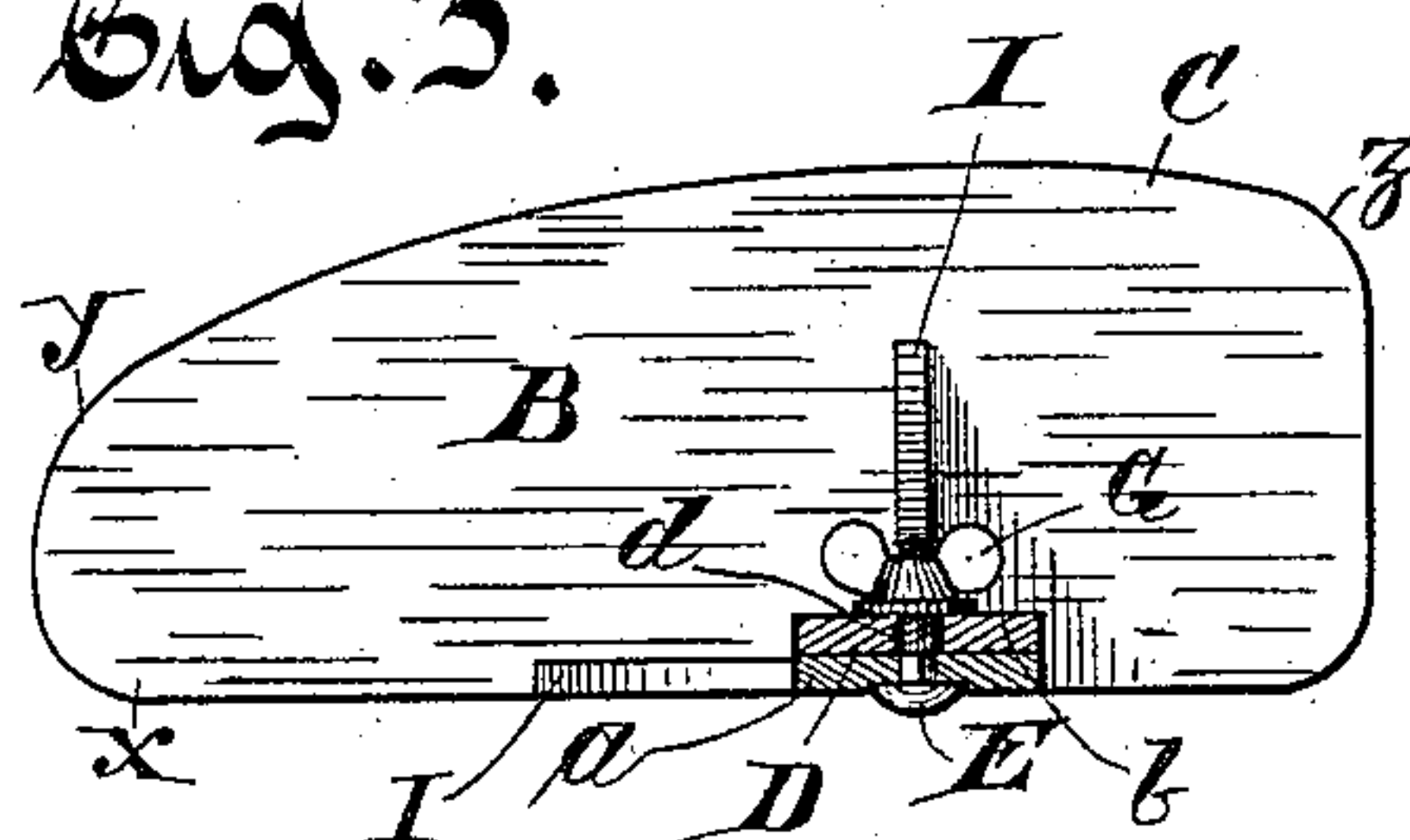


Fig. 3.



Witness.

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UNITED STATES PATENT OFFICE.

WALTER L. MILLER, OF WINNECONNE, WISCONSIN.

PILLOW OR HEAD-REST.

SPECIFICATION forming part of Letters Patent No. 397,993, dated February 19, 1889.

Application filed July 5, 1888. Serial No. 279,050. (No model.)

To all whom it may concern:

Be it known that I, WALTER L. MILLER, of Winneconne, in the county of Winnebago and State of Wisconsin, have invented new and useful Improvements in Pillows or Head-Rests; and I do hereby declare the following to be a full, clear, and exact description of said invention, reference being had to the accompanying drawings, and to the letters or figures of reference marked thereon, which form a part of this specification.

My invention relates to improvements in pillows or head-rests.

The object of my invention is to provide a pillow or head-rest through which the air may freely circulate, whereby it is prevented from becoming heated when in use; and the same is more especially adapted to be used by invalids or nervous persons who, owing to the heat-retaining properties of the ordinary pillow, find them injurious to their health and unpleasant to use.

The construction of my invention is explained by reference to the accompanying drawings, in which—

Figure 1 represents a perspective view thereof. Fig. 2 represents a top view of the interior supporting-frame, and Fig. 3 represents a horizontal section drawn on line X X of Fig. 2.

Like parts are represented by the same reference-letters throughout the several views.

In the preferred form of my invention a flexible fabric, A, preferably made of ordinary linen or cotton cloth, having its ends secured to each other, like an endless apron or belt, is suspended upon a supporting-frame, B, which frame B consists of the end pieces, C C, and the connecting-bar D, which bar D is rigidly affixed at its respective ends to the end pieces, C C. The bar D is preferably formed in two parts, *a* and *b*, which are adjustably connected together by the screw E and hand-nut G. The screw E is rigidly affixed at one end to the connecting-bar *a*, and extends upward through an elongated slot, *d*, formed therefor in the other connecting-bar, *b*.

F is a short stud which is rigidly affixed to the bar *a*, and extends upward through the slot *d* and serves as a guide to the bar *b*. The hand-nut G operates on the screw E, and when turned downward upon the screw E draws the connecting-bars *a* and *b* firmly together, there-

by securing them rigidly at any desired point of adjustment. Thus it is obvious that by loosening the hand-nut G the end pieces, C C, may be moved and adjusted nearer to or farther from each other, and the tension of the surrounding fabric A may be increased or diminished, as desired, and when the desired tension is attained the end pieces are thus secured by turning down the hand-nut G, as stated.

The end pieces, C C, are preferably formed in the shape indicated in Fig. 3, having a straight horizontal base which is adapted to rest permanently upon its support without rocking or turning, while its upper surface is preferably formed on a curved line from the base upward and rearward, as shown from *x* to *y* and *y* to *z*, terminating at its rear end at the highest point above the base, whereby the desired shape and inclination are given to the supporting-surface of the head-rest. It will also be obvious that when the fabric A is thus made it is retained in place around the supporting end pieces, C C, simply by its own tension, and it may be readily removed and replaced by another without changing the adjustment of the frame or any of its parts.

I I are braces communicating between the end pieces, C, and their connecting-pieces, by which greater stability is given to the frame.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

In a head-rest or pillow, the combination of the endless apron or fabric A, fabric-supporting pieces C C, adjustable connecting-pieces *a* and *b*, said piece *a* being rigidly connected with one of the cross-pieces C and provided with an adjusting-screw, E, and a guide-stud, F, said connecting-piece *b* being provided with an elongated slot, *d*, for the reception of said screw E, hand-nut G, operating upon said screw E and adapted by turning to secure said connecting-pieces *a* and *b* firmly together at any desired point of adjustment, all substantially as and for the purpose specified.

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

WALTER L. MILLER.

Witnesses:

JAS. B. ERWIN,
ANNA FAUST.