T. MILLER.

ADJUSTABLE STOOL.

No. 180,147. Patented July 25, 1876.

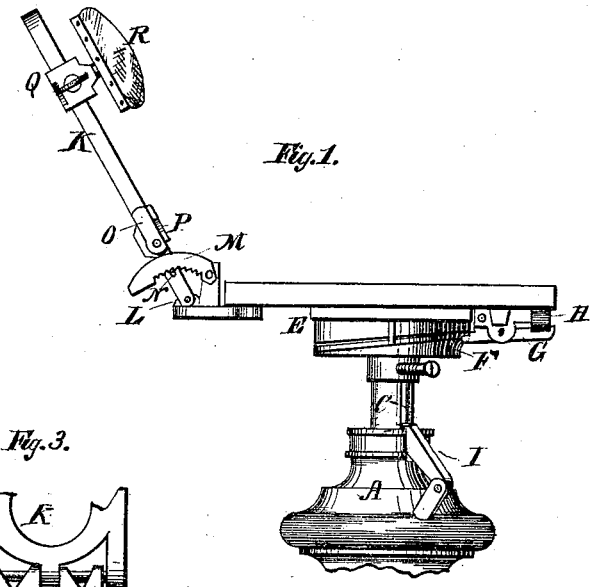


Fig. 1.

Fig. 3.

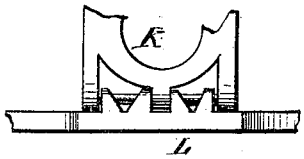
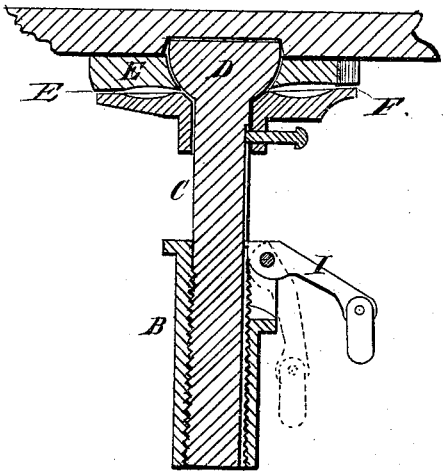


Fig. 2.



Witnesses.

F. L. Dieterich

S. S. Fisk,

Inventor:

Thomas Miller

By Daniel Breed

Atty.

UNITED STATES PATENT OFFICE.

THOMAS MILLER, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN ADJUSTABLE STOOLS.

Specification forming part of Letters Patent No. **180,147**, dated July 25, 1876; application filed August 5, 1875.

To all whom it may concern:

Be it known that I, THOMAS MILLER, a citizen of the Dominion of Canada, and resident of Boston, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in Adjustable Stools or Dental Chairs, which are fully described in the following specification, reference being had to the accompanying drawings, in which—

Figure 1 is a side view or elevation of my improved stool or chair, a portion of the pedestal being omitted. Fig. 2 is a vertical section of a portion of the same. Fig. 3 is a detached view.

My invention consists of a novel construction of bed-piece for the seat, having an inclined plane or bearing-surface on its under side, in combination with a peculiar seat-supporter, having a corresponding inclined plane or bearing-surface on its upper side, all of which will be clearly understood by the following description: The pedestal of my stool or chair may be of the ordinary construction, having a socket, B, provided with a female screw to receive the shank C, having a male screw, thus rendering the standard adjustable in the usual manner of raising or lowering the seat. The shank D is crowned with a hemispherical head, D, fitting into a concave socket in the seat bed-piece E, thus allowing the seat bed-piece to revolve upon the head D, Fig. 2, and holding the parts very securely in place. The under side or bearing-surface of the seat bed-piece E, and the upper side or bearing-surface of the seat-supporter F, are both inclined, and fit together. By this arrangement of the two inclined planes, and by turning the seat or seat-bed E, the stool may be more or less inclined at pleasure, or brought to a horizontal position. A pivoted catch, G, Fig. 1, works into notches in the lip of the seat-supporter F, and thus fixes the seat bed-piece E from turning, when desired. The back of the stool is made adjustable, as shown in Fig. 1. It consists of a metallic frame, K, Fig. 3, pivoted to a metallic hinge-piece, L, and provided with the ratchet-arm M. This frame K renders the back very firm and durable.

Having described my invention, I claim—

The bed-piece E, having the inclined plane or bearing-surface on its under side, in combination with the seat-supporter F, formed with its inclined plane or bearing-surface on its upper side, substantially as and for the purposes set forth.

THOMAS MILLER.

Witnesses:
C. K. BASLEY,
JESSE WILSON.