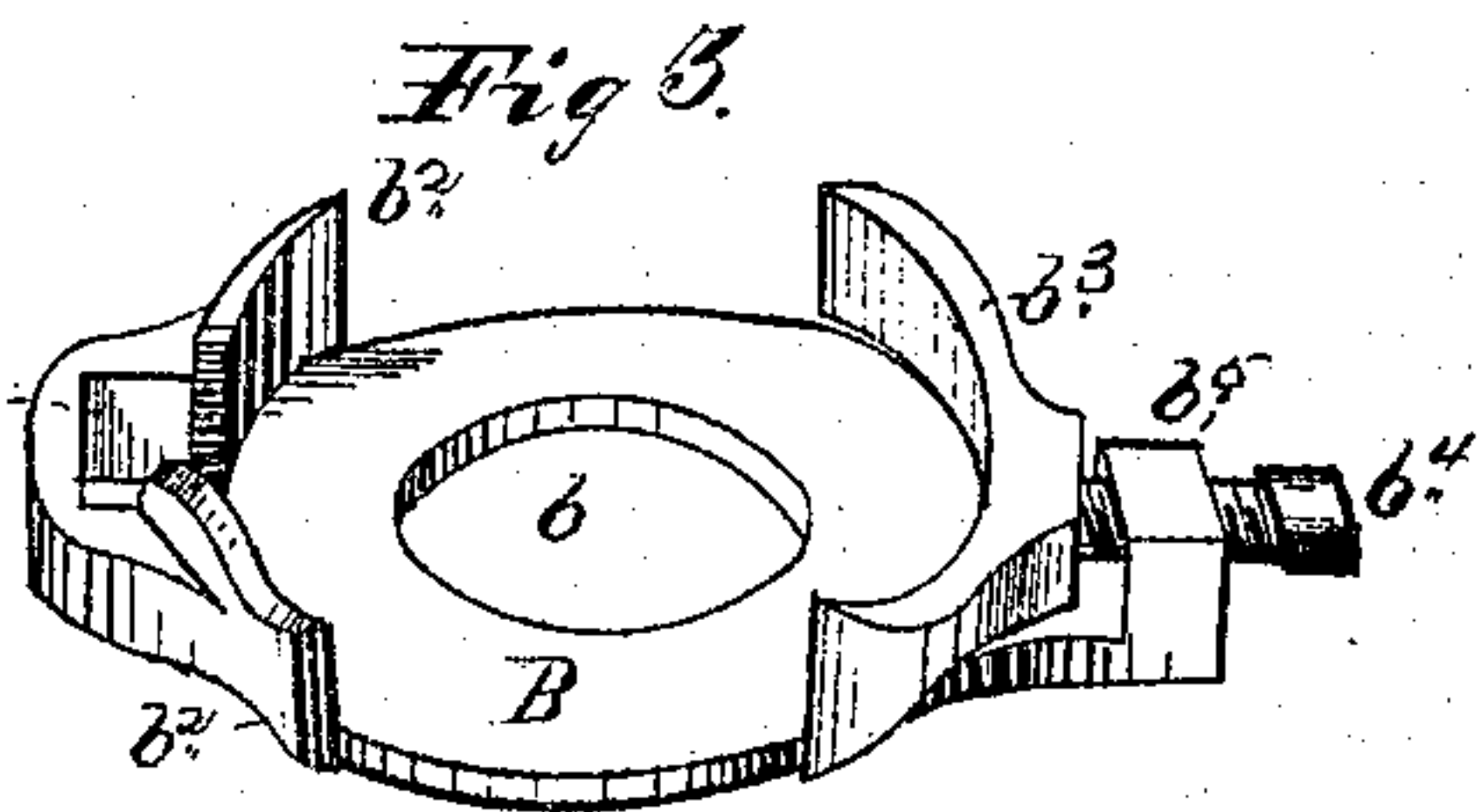
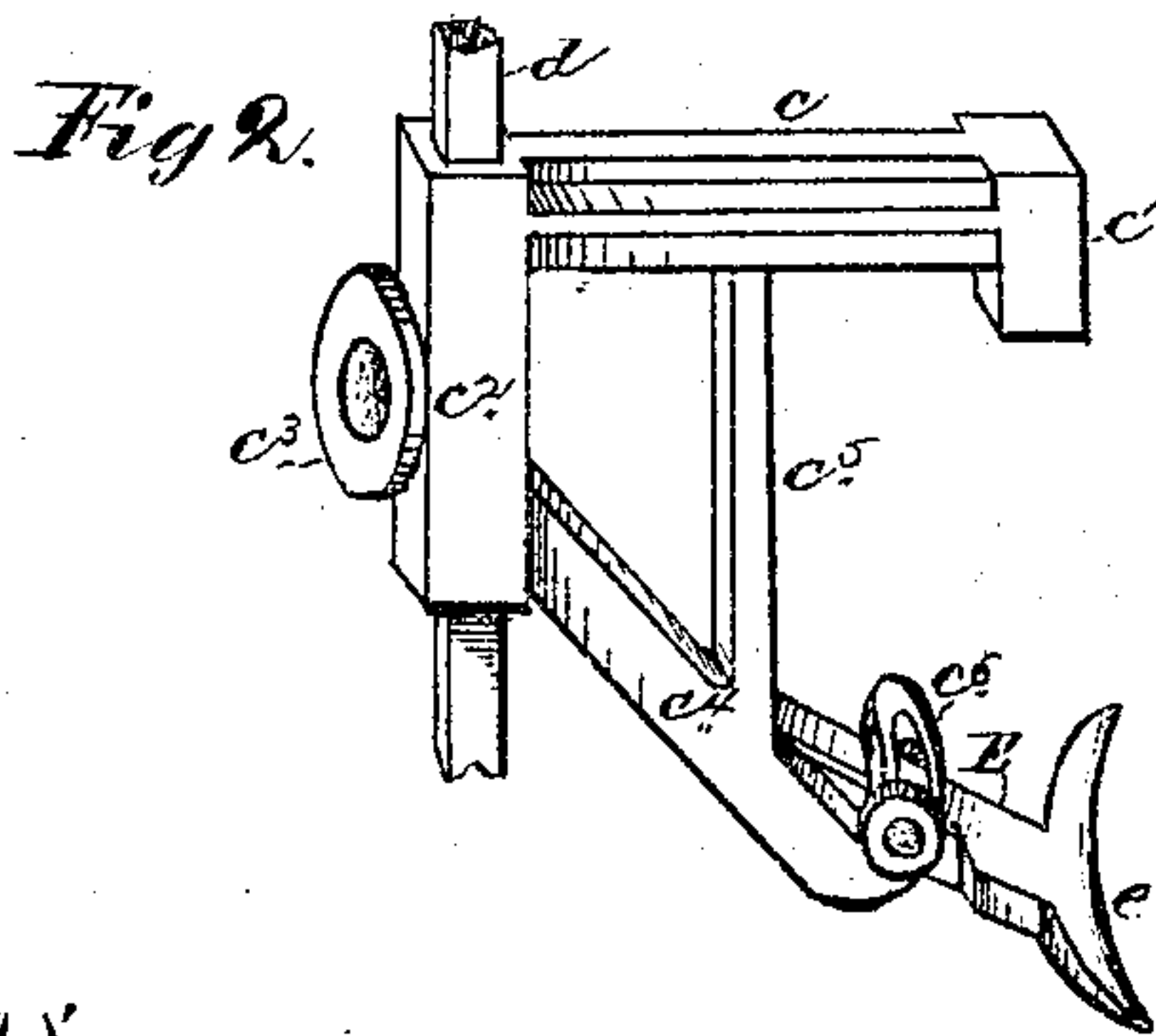
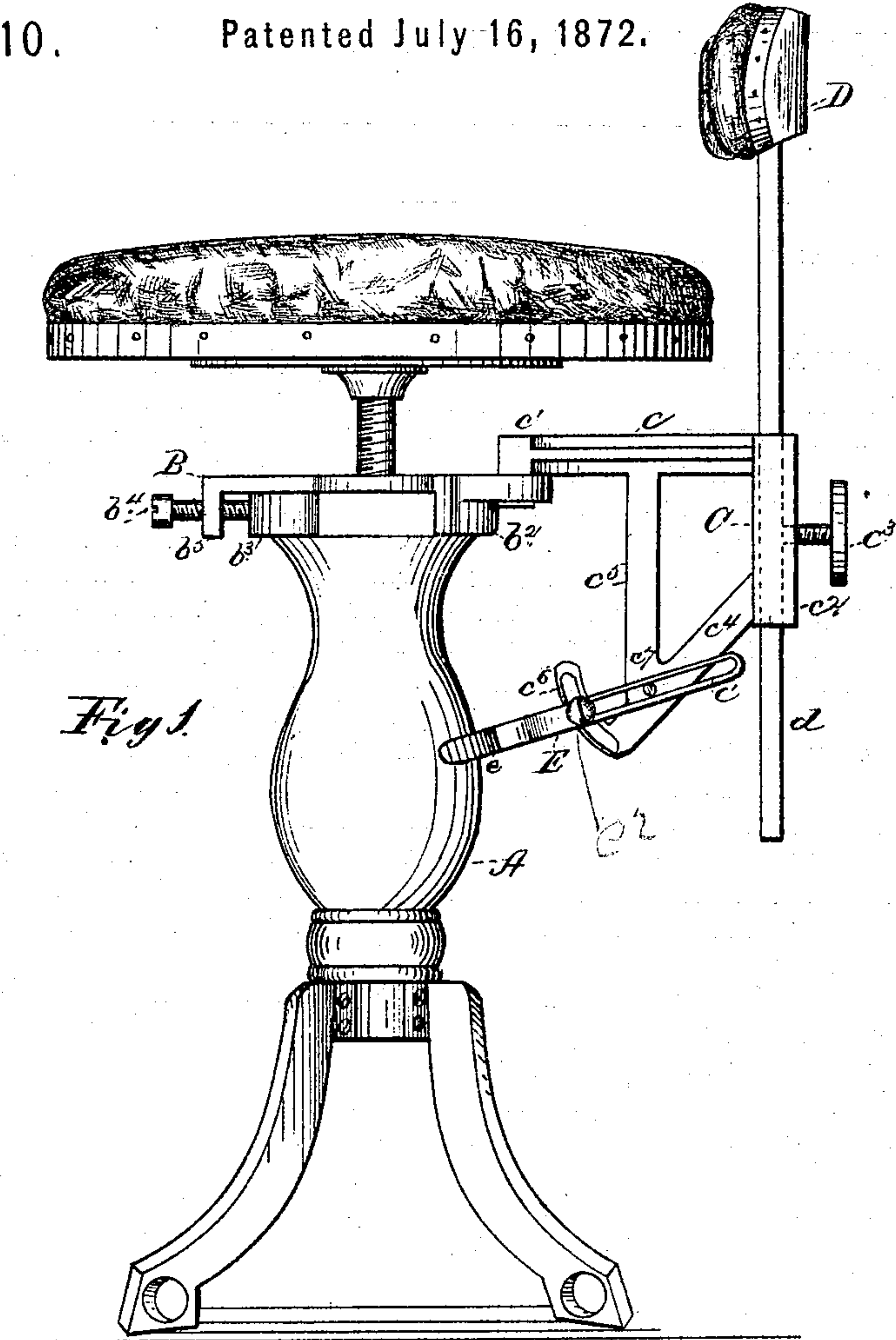


S. W. BABBITT.

Improvement in Piano-Stools.

No. 129,510.

Patented July 16, 1872.



Witnesses

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UNITED STATES PATENT OFFICE.

S. WILLIAM BABBITT, OF WEST MERIDEN, CONNECTICUT.

IMPROVEMENT IN PIANO-STOOLS.

Specification forming part of Letters Patent No. 129,510, dated July 16, 1872.

SPECIFICATION.

To all whom it may concern:

Be it known that I, S. WILLIAM BABBITT, of West Meriden, in the county of New Haven and State of Connecticut, have invented a new and useful Improvement in Piano-Stool; and I do hereby declare that the following is a full and exact description of the same, reference being had to the accompanying drawing and to the letters of reference marked thereon.

This invention has for its object the furnishing of a suitable support for the back of a person using a piano-stool; and consists mainly in the combination of a plate rigidly secured to the standard of the stool, with a detachable back and its connections, as will be fully described hereinafter.

In the drawing, Figure 1 represents a side elevation of a piano-stool having my improved device attached thereto; Fig. 2, a perspective view of the frame which supports the back; and Fig. 3, a perspective view of the plate which rests upon the piano-stool standard.

To enable others skilled in the art to make and use my invention, I will now proceed to describe fully its construction and operation.

A represents the piano-stool, which is preferably constructed in the usual well-known manner. B represents a plate adapted to rest upon the top of the stool-standard, which plate is provided with a central orifice, *b*, through which passes the screw of the seat, and with the square opening *b*¹ upon one side of the center, which opening is adapted to receive the arm of the adjustable back. The plate B is secured to the top of the standard of the stool by means of the flanges *b*² *b*², forming a portion of the plate upon one side, and the independent clamp *b*³, which is held and adjusted by means of the set-screw *b*⁴ resting in the projection *b*⁵, as shown. C represents a frame having a horizontal arm, *c*, and vertical arms *c*¹ *c*² pendent at each end of the horizontal arm, the former of which, *c*¹, is adapted to rest when in place in the square opening *b*¹ of the plate, and the latter of which, *c*², is adapted, by means of a square

opening throughout its length, to receive the square rod *d* attached to the back D, as shown. The arm *c*¹ is provided also with a set-screw, *c*³, by means of which the rod attached is held at any desired height. The frame C is further provided with an inclined arm, *c*⁴, attached to the lower end of the arm *c*², and supported by the vertical brace *c*⁵, which arm is provided at its lower end with a curved slot, *c*⁶, and upon one side with a pin, *c*⁷. E represents a bar provided at one end with a yoke, *e*, adapted to rest against the curved portion of the piano-stool standard, and at the other end with a slot, *e*¹, as shown. This bar is attached to the frame C by means of a set-screw and nut, *e*², which screw passes through the slot *e*¹ in the bar E, and also through the slot *c*⁶ in the frame C. The slot *e*¹ also incloses the pin *c*⁷, as clearly shown in the drawing.

The operation of my invention is as follows: The plate A is first secured in place upon the top of the standard of the piano-stool, the seat having been removed for that purpose. When thus secured the back may be used whenever desired by simply catching the arm *c*¹ of the frame into the square orifice *b*¹ of the plate. The arm *c*¹ and the orifice *b*¹ being of corresponding rectangular form, the frame is rigidly held for turning to either side. To prevent undue strain upon the frame, and to hold it securely in place, the brace-bar E is so adjusted as to bear firmly against the standard, as shown, this adjustment being readily made by means of the set-screw and slotted arm. The height of the back is regulated by moving the square rod which supports it, the rod being secured in any desired position by means of the set-screw.

When it is desired to remove the back, it may be done by simply lifting the frame upward until the arm *c*¹ is removed from the orifice *b*¹ in the plate.

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

1. The combination of a plate removably

attached to the standard by means of a set-screw and clamp, with the detachable frame having an adjustable back, as described.

2. The plate B, constructed as described, with its orifices, flanges, clamp, and set-screw, in combination with the frame C with its arms, arranged as described, back D with its rod *d*,

and brace-bar E, as and for the purpose set forth.

This specification signed and witnessed this 17th day of June, 1872.

Witnesses: S. WM. BABBITT.

CHARLES H. SHAW,

FRANK S. FAY.