

(No Model.)

C. C. TOMBS.  
FOLDING CHAIR.

No. 606,103.

Patented June 21, 1898.

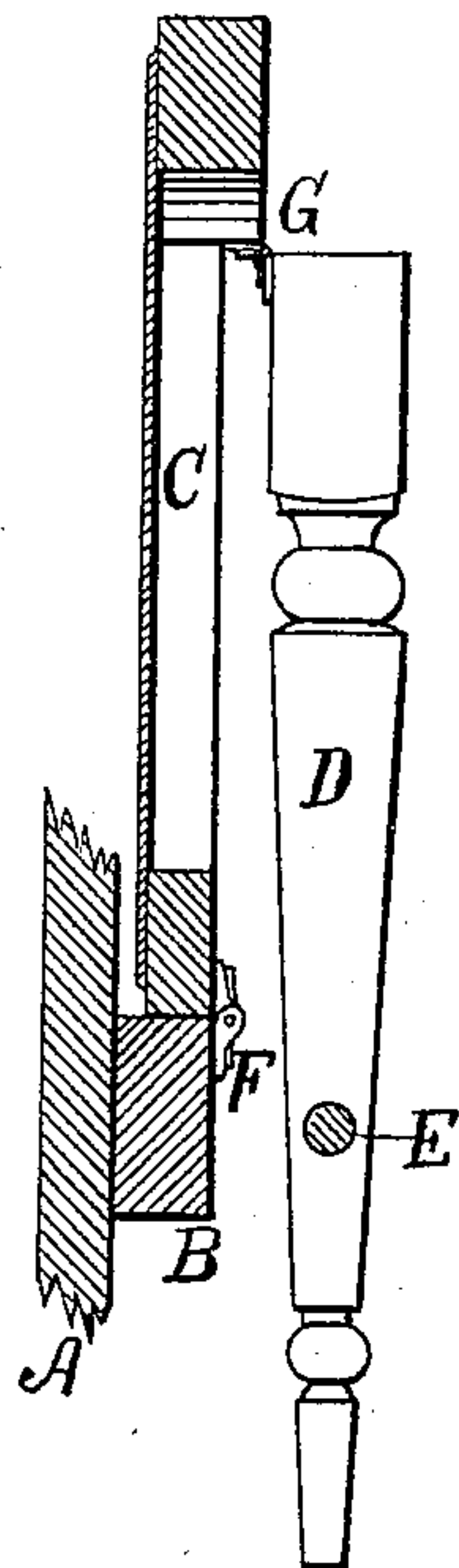


Fig. 3.

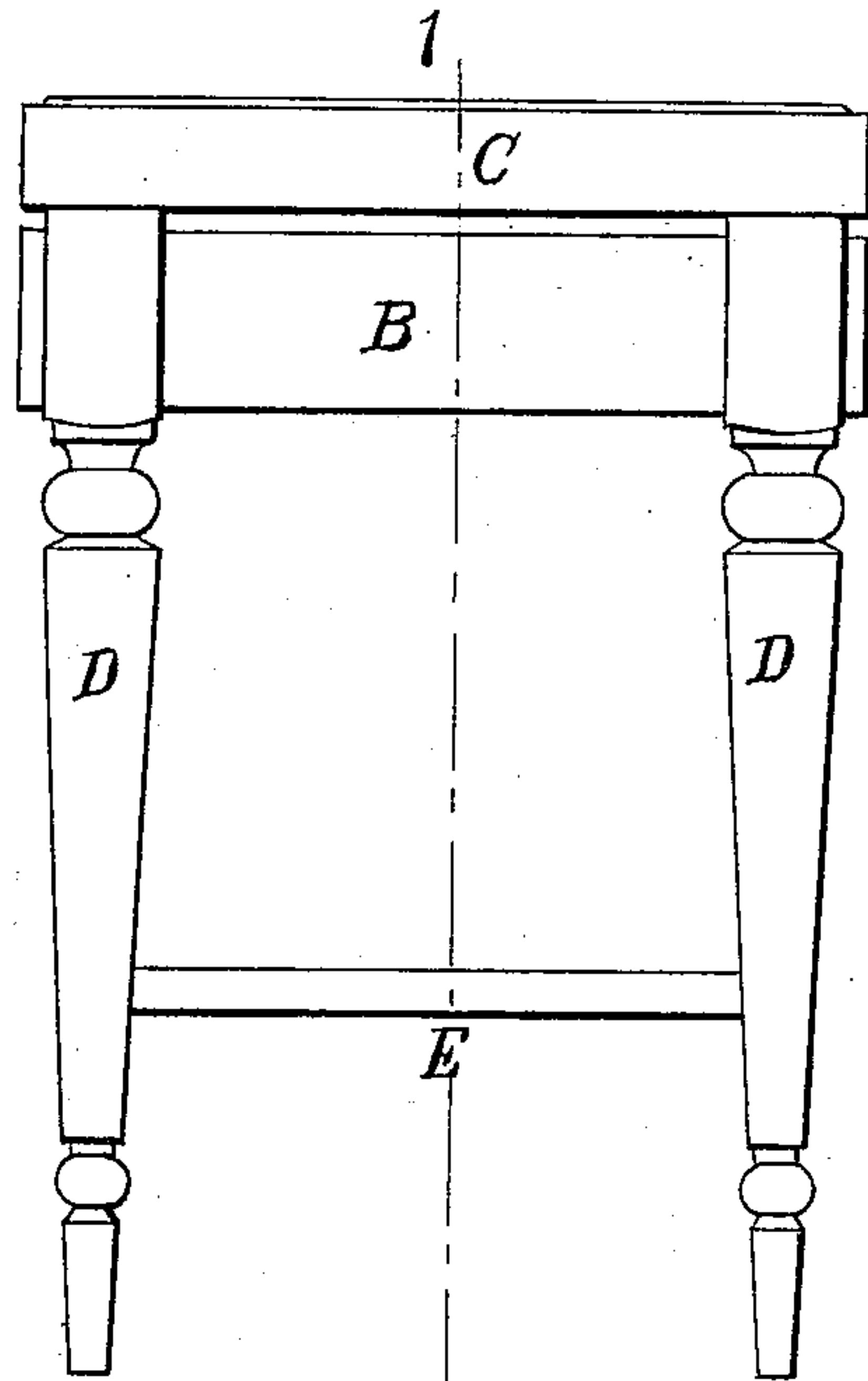


Fig. 1.

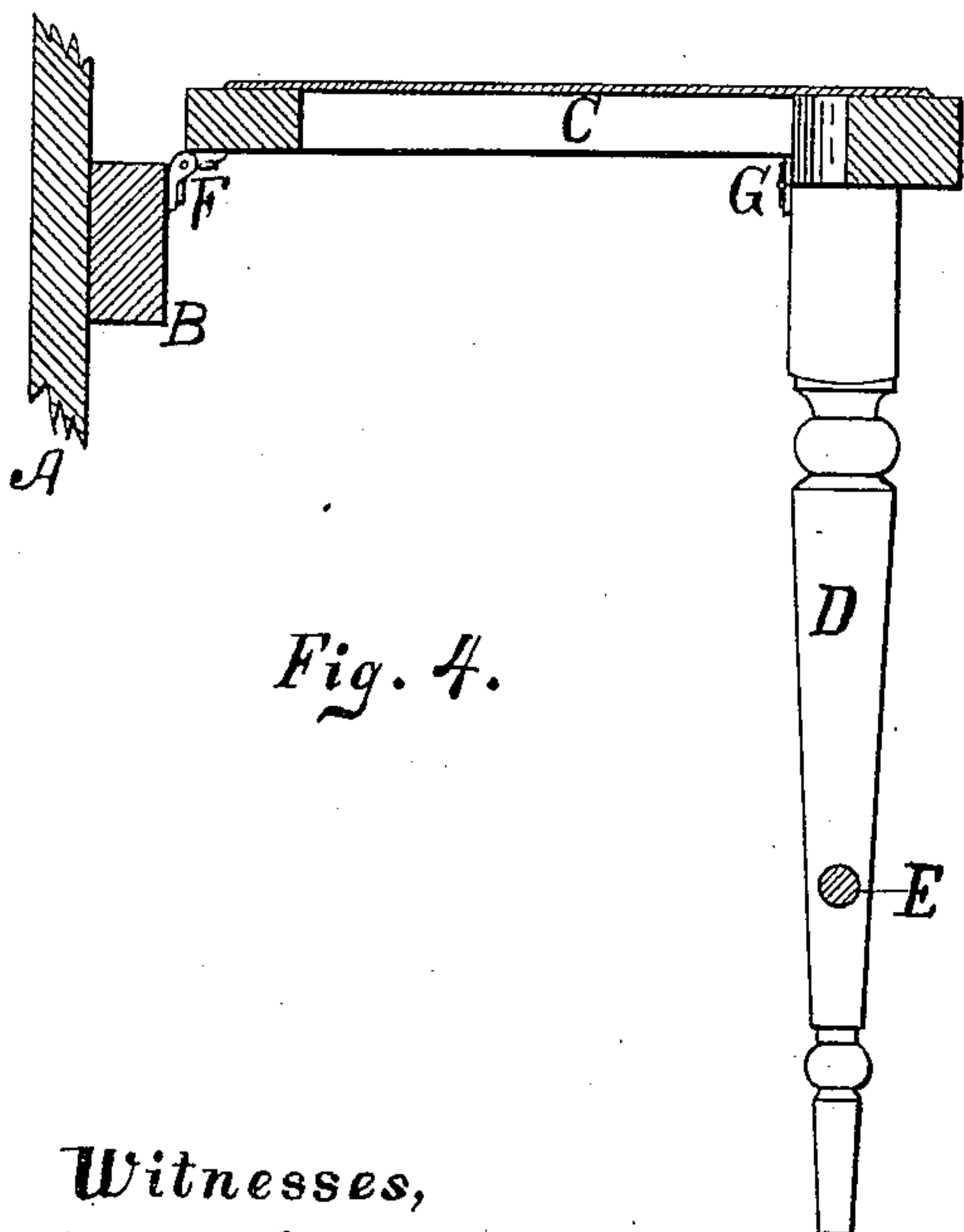


Fig. 4.

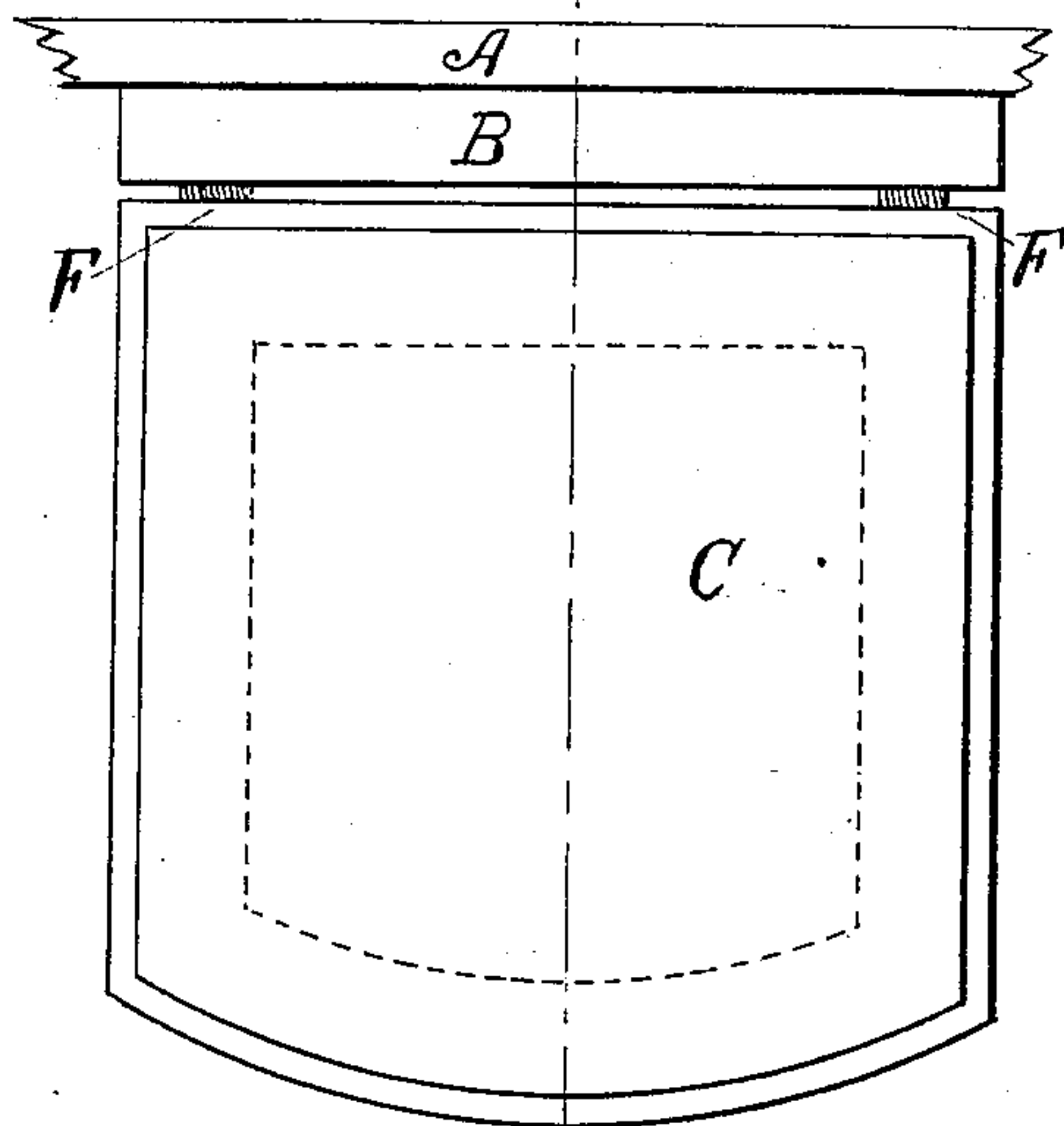


Fig. 2.

Witnesses,  
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# UNITED STATES PATENT OFFICE.

CHARLES C. TOMBS, OF JOHNSTOWN, PENNSYLVANIA, ASSIGNOR TO THOMAS J. FEARL AND ROBERT FERGUSON, OF SAME PLACE.

## FOLDING CHAIR.

SPECIFICATION forming part of Letters Patent No. 606,103, dated June 21, 1898.

Application filed September 23, 1896. Serial No. 606,752. (No model.)

*To all whom it may concern:*

Be it known that I, CHARLES C. TOMBS, a citizen of the United States, residing at Johnstown, in the county of Cambria and State of Pennsylvania, have invented certain new and useful Improvements in Folding Chairs; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to certain new and useful improvements in folding chairs or seats; and it has for its object, among others, to provide a simple and cheap folding seat that will be found most convenient for use behind counters in stores, in barber-shops, billiard-rooms, and other places where economy of space is desired. It can be supported from any suitable support and quickly lowered to its operative or supporting position when desired. It may be provided with any desired style of seat portion.

Other objects and advantages of the invention will hereinafter appear and the novel features thereof will be specifically defined by the appended claims.

The invention in this instance resides in the peculiar combinations and the construction, arrangement, and adaptation of parts, all as more fully hereinafter described, shown in the drawings, and then particularly pointed out in the claims.

The invention is clearly illustrated in the accompanying drawings, which, with the letters of reference marked thereon, form a part of this specification, and in which—

Figure 1 is a front view showing the chair in position for use. Fig. 2 is a plan of Fig. 1. Fig. 3 is a vertical section through the line 1 of Fig. 1, showing the chair folded. Fig. 4 is a vertical section on the line 2 of Fig. 2.

Like letters of reference indicate like parts throughout the several views.

Referring now to the details of the drawings by letter, A designates a section of a wall or other support to which is secured by screws or other means the strip B, to which the seat portion C is secured by hinges F, so as to fold up, as shown, or to be thrown down into position for use. These hinges are spring-hinges of any of the well-known forms suited to the purpose.

To the under side of the seat portion at the front are hinged, as at G, the legs D, which are connected by the bar or rung E, as shown. 55

The operation will be apparent. The hinges F are of sufficient strength to elevate the chair to the position shown in Fig. 3, from which it may be easily thrown down into the position in which it is seen in Fig. 1. When folded, 60 it occupies but little room and requires no extraneous means for holding it in the closed position.

The upper edge of the strip B is straight and arranged horizontally, and the rear edge 65 of the seat C is also straight, and when the said seat is in elevated position its rear edge bears directly upon the strip B, and the preponderance of weight of said seat being to one side or rearward of the center of movement of the spring-hinges an auxiliary support is instituted for assisting in holding the said seat in elevated position and prevent accidental dropping thereof in the event of the weakening of the springs of the connecting-hinges and also relieve said hinges of an undue strain. It will be observed that an equilibrium of position is set up when the rear edge of the seat bears upon the upper side of the strip, as shown by Fig. 3, that 80 said seat will be sustained in an upright position, said position being in part maintained by the springs of the hinges and the engagement of the rear edge of the seat with the upper edge of the strip. Furthermore, the 85 seat when automatically arranged by the spring-hinges will be prevented from moving back of a predetermined distance by the straight edge at the rear of said seat striking the upper straight edge of the strip B, and 90 thereby avoid straining the fastenings of the connecting-hinges.

What is claimed as new is—

1. The combination with a support, of a strip secured thereto and having an upper 95 straight edge, a seat having a strip along the rear edge thereof formed with a straight surface and adapted to rest, when in folded position, directly on the top of the horizontal strip and be held in a perpendicular position, 100 an automatically-folding leg hinged to the under portion of the said seat, and spring-hinges connecting the strip at the rear edge of the seat with the said horizontal strip, the said



seat with its leg being automatically raised by the action of the spring-hinges and prevented from moving backward beyond a predetermined point by the straight surface of the rear edge thereof engaging the upper straight surface of the horizontal strip, the hinges connecting said strips being respectively applied to the under rear portion of the seat-strip and the upper outer portion of the horizontal strip, substantially as specified.

2. The combination with a support, of a horizontal strip secured thereto and provided with an upper straight edge, a seat having legs hinged to the outer front portion thereof and provided with a strip along the rear edge, also formed with a straight surface of less width than the said horizontal strip and adapted to rest on the latter when in folded position, and spring-hinges connecting the strip at the rear of the seat, and the said horizontal strip and serving to automatically raise the said seat, the said seat when elevated being perpendicularly positioned and the preponderance of its weight applied to the rear of the hinges and acting as an auxiliary to the springs of said hinges to maintain the seat in elevated position.

3. The combination with a support, of a

horizontal strip secured thereto and provided with an upper straight edge, a seat having a strip along the rear edge thereof formed with a straight engaging surface adapted to rest on the upper straight surface of said horizontal strip, the seat-strip being of less width than the said horizontal strip, spring-hinges connecting said horizontal strip and seat-strip and automatically operating to raise the seat, the said seat, when in elevated rest-position, being perpendicular and limited in backward movement by the straight edge of the rear strip thereof engaging the upper surface of the horizontal strip to avoid the strain on the connecting hinges and also facilitate the maintenance of an upright position thereof, and legs hinged to the outer under portion of the said seat and automatically folded when the seat is raised, substantially as described.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

CHARLES C. TOMBS.

Witnesses:

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