(No Model.)

C. R. SCHMIDT.

EXTENSION LEG FOR WATER CLOSET SEATS AND OTHER SEATS.

No. 388,076. Patented Aug. 21, 1888.

Fig. 1.

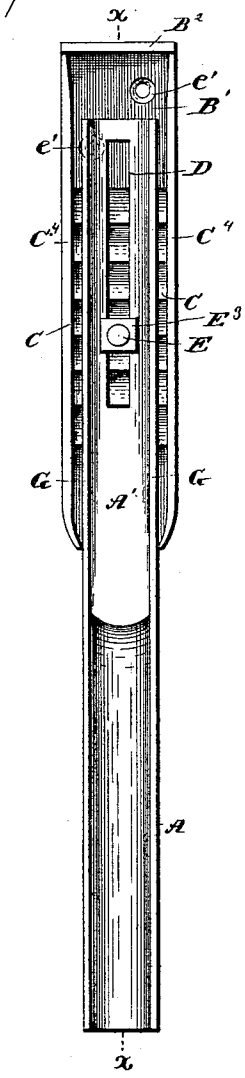


Fig. 2.

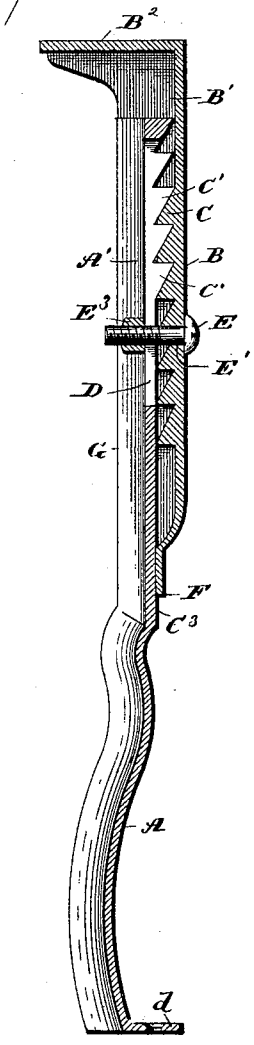
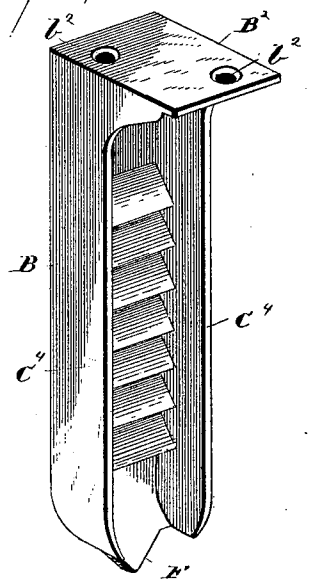
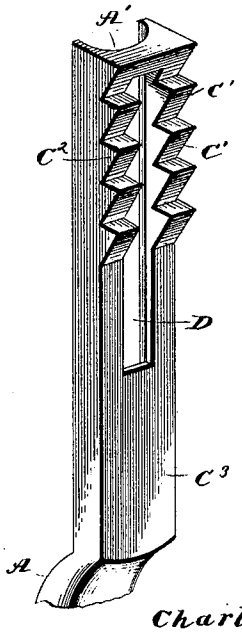


Fig. 3.





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UNITED STATES PATENT OFFICE.

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EXTENSION-LEG FOR WATER-CLOSET SEATS AND OTHER SEATS.

SPECIFICATION forming part of Letters Patent No. 388,076, dated August 21, 1888.

Application filed August 8, 1887. Serial No. 246,443. (No model.)

To all whom it may concern:

Be it known that I, CHARLES R. SCHMIDT, a citizen of the United States, residing at Baltimore, in the State of Maryland, have invented certain new and useful Improvements in Adjustable Extension-Legs for Water-Closet or other Seats, of which the following is so full, clear, and exact a description as will enable others skilled in the art to which my invention appertains to make and use the same, reference being had to the appended drawings.

This invention relates to an improvement in adjustable extension-legs for water-closet or other seats; and it consists in certain novel features of construction, as will be hereinafter described, and particularly pointed out in the claim at the end of the specification.

In the annexed figures of drawings, illustrating my invention, and in which similar letters of reference denote corresponding parts, Figure 1 is a rear side elevation of my improved extension-leg. Fig. 2 is a section through *x x* of Fig. 1. Fig. 3 is a perspective showing the parts disconnected, showing more clearly the series of steps.

The object of my invention is to construct an adjustable extension-leg for water-closet or other seats which shall be simple in construction and have no complicated parts liable to get out of order, and one which can be readily and easily adjusted with small physical force.

I am aware that heretofore stove-legs have been made in sections adjustable upon each other and provided with means for securing them together, and I therefore do not claim, broadly, such a device. My adjustable leg is provided with positive interlocking means, consisting of a series of interlocking teeth made in a peculiar way and fastened together by means which is most simple and complete.

What I do desire to secure by Letters Patent will appear from the following description:

My improved extension-leg consists of the foot A and the supporting-standard B, both of which are provided with grooves or recesses A′ and B′, and the supporting-standard B is formed at its upper extremity with a lug, B^2, having perforations b^2 b^2 for the reception of screws or other suitable devices by means of which it is secured to the water-closet or other seat. The interior of this standard B is provided with a series of notches or steps, C, and side flanges, C^1 C^1, as shown best in Fig. 3. The steps commence at a suitable distance from the top of the standard B and extend down to within a short distance from the bottom, and the lower end of the standard is formed with a downwardly-projecting spur or point, F, for the purpose to be hereinafter fully described. The flanges C^1 C^1 hold the foot-section A in a perpendicular position and hold it against turning on the standard B.

The foot-section A is situated within the recess of the standard B, and is provided on its outer face with a series of notches or steps, C' C^2, corresponding with the series C on the standard B, and with which they register, holding the foot and standard at any desired adjusted length. The foot-section A is provided with an elongated slot, D, which is situated between the notches or steps C. A portion of the foot beneath the steps or notches is left straight-faced and smooth, as at C^3, and the said foot-section is provided with a lug or projection, *d*, on its lower extremity to facilitate the securing of the same to the floor. Within the slot D is situated a screw, E, which extends through an opening, E′, and has on its inner side a nut located within the grooved portion A′ of the foot-section A, on each side of which groove extend flanges G G, which prevent the nut from turning, as it is held between these flanges on the back of the foot-section A, thus facilitating the adjustment of the tension of the bolt and nut by means of a screw-driver from the front. By making the bottoms of the steps on the standard B substantially horizontal and by making their tops inclined and by reversing this order exactly on the foot-section A of the extensible leg the leg may be quickly and easily adjusted to any desired length, and when it is locked in position the weight of the stool or any downward pressure on the leg will have no tendency to force the sections apart.

From the foregoing it will be obvious that when it is desired to adjust the standard to a different height all that will be necessary is simply to loosen the nut E^3 by turning the bolt, when the standard B can be moved up or down and the seat adjusted to the desired height.

The point or spur F rests against the faced portion C^3 of the foot-section A and serves as a guide, keeping the parts from accidental displacement while being adjusted.

As an additional means of securing the device to the seat which it is supporting, I have provided perforations e' e' for the reception of screws, and which perforations are preferably countersunk, so that when the head of the screw is situated therein it will come flush with the interior of the standard.

It will be obvious that the foot can be made curved, as shown, or it can be made in any other ornamental form without departing from the spirit of my invention and without in any way interfering with its usefulness.

It will be evident that the support herein described will be light in weight, simple in construction, and will have no complicated parts liable to get out of order and occasion repair. Furthermore, it will be seen that it can be applied to any device where such a support is desirable.

Having now described the objects, uses, and advantages of my invention, what I desire to secure by Letters Patent, and what I therefore claim, is—

In an extensible leg, a perforated standard having flanges on its sides and provided with projecting steps, the tops of which are inclined, while their bottoms are substantially horizontal, in combination with a bolt and nut and a slotted and serrated foot-section having flanges on its sides and steps the reverse of those on the standard and registering therewith, all constructed substantially as described, whereby the nut is prevented from turning by the flanges on the foot-section, and the foot-section is prevented from turning by the flanges on the standard, substantially as set forth.

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

CHARLES R. SCHMIDT.

Witnesses:

PHIL. H. TUCK,

JAS. J. MCGRATH.