No. 772,316. PATENTED OCT. 11, 1904.

C. H. MOCK.

FOLDING STOOL.

APPLICATION FILED JAN 2, 1904.

NO MODEL.

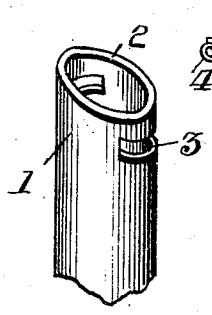


Fig. 2.

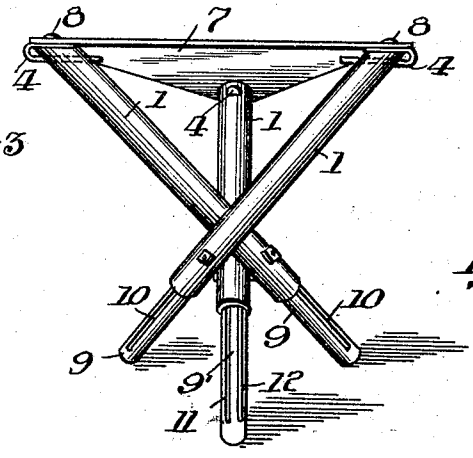


Fig. 1.

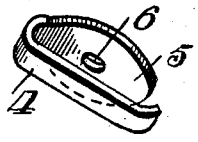


Fig. 3.

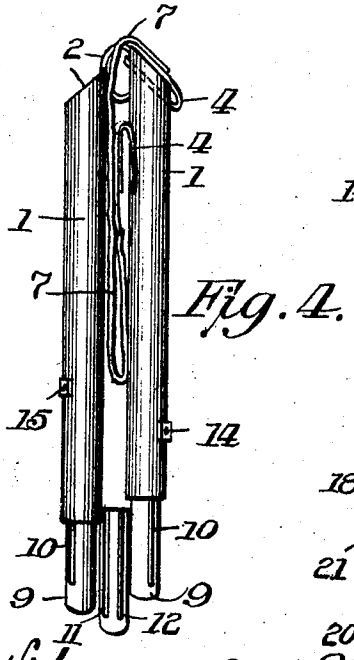


Fig. 4.

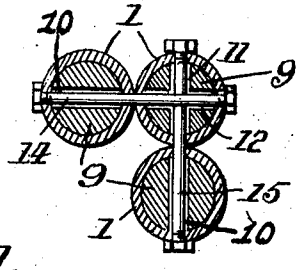


Fig. 5.

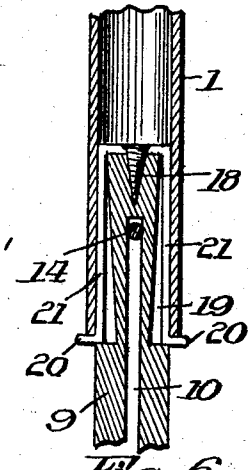


Fig. 6.

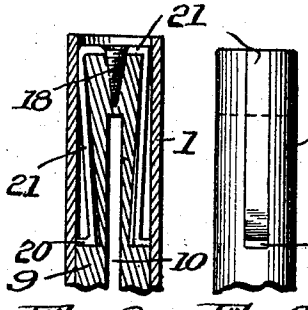


Fig. 8.

Fig. 9.

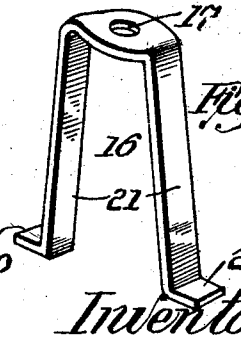


Fig. 7.

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By A. C. Ewert & Co.
Attorneys.

PHOTO-LITHOGRAPHED BY SACHETT & WILHELMS LITHO. & PTG. CO. NEW YORK.

No. 772,316. Patented October 11, 1904.

UNITED STATES PATENT OFFICE.

CHARLES H. MOCK, OF PITTSBURG, PENNSYLVANIA, ASSIGNOR OF THREE-FOURTHS TO ANNA GANGLOFF AND HARRY C. RICHMOND, OF PITTSBURG, PENNSYLVANIA.

FOLDING STOOL.

SPECIFICATION forming part of Letters Patent No. 772,316, dated October 11, 1904.

Application filed January 2, 1904. Serial No. 187,411. (No model.)

To all whom it may concern:

Be it known that I, CHARLES H. MOCK, a citizen of the United States of America, residing at Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Folding Stools, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to certain new and useful improvements in folding stools; and the primary object of the invention is to construct a folding stool whereby the supporting-legs thereof may be folded in compact alinement with the seat detached from the legs in order that a comparatively small bundle may be made of the stool when in the folded form.

A still further object of the present invention is to provide a stool with telescopic legs, which may be extended when the stool is in position for use and folded or telescoped one member within the other when the stool is in the folded form in order to reduce the size of the folded package or bundle.

Still further features of my invention reside in the novel means of attaching the seat to the legs and in the novel construction of the telescopic legs.

In describing the invention in detail reference is had to the accompanying drawings, forming a part of this application, wherein like numerals of reference indicate like parts throughout the several views, in which—

Figure 1 is a perspective view of the stool. Fig. 2 is a perspective view of the upper end of one of the legs. Fig. 3 is a perspective view of one of the plates detached from the seat. Fig. 4 is a side elevation of the stool in its folded position. Fig. 5 is a cross-sectional view showing how the legs are swiveled together. Fig. 6 is a sectional view showing the spring-locking means when the telescopic portions of the leg are extended. Fig. 7 is a perspective view of one of the springs. Fig. 8 is a vertical sectional view of a telescopic section, showing the springs depressed; and Fig. 9 is a side view of one end of the lower leg-section.

To put my invention into practice, I provide a plurality of telescoping legs, the particular construction embodying three supporting-legs, each of which comprises a hollow member 1, that at its upper end is cut at an angle, as shown at 2, and provided with slots 3, which are diametrically opposite each other. Adapted to be placed in these slots is the clamp member 4, which is carried by the flanged cap-plate 5, having an aperture 6 formed centrally therein. The clamp portion 4 is formed integral with the flanged cap-plate, the plate and clamp portion being preferably stamped out of one piece of material and the clamped portion bent into horizontal alinement with the plate, as illustrated in Fig. 3 of the drawings. The clamp member underlies the cap-plate and has its end upturned or bent up to prevent displacement. To this plate 5 is attached the seat 7, which is preferably made of canvas, leather, or any desirable material, a rivet 8 securing the material to the plate 5 by means of the aperture 6 formed centrally therein.

Telescoping into hollow members 1 are the members 9, 9, and 9′, which may be made of wood or like material. Member 9′ is formed with longitudinal slots 11 and 12, which extend transversely therethrough, the former registering with a like slot 10, formed in one of the remaining members, and slot 12 registers with a similar slot 10, formed in the other of the members 9. To connect the members 9 each to member 9′, bolts 15 are passed through alining slot 11 and slot 10 of one of members 9 and bolt 14 through alining slot 12 and slot 10 of the other of members 9. By reason of the slots having considerable length the members 9 may be slid inwardly to telescope in members 1.

To hold the members 9 and 9′ in the extended position, as shown in Fig. 1 of the drawings, I employ a spring, preferably U-shaped, as indicated at 16, the bridge of said spring having an aperture 17 formed therein whereby the same may be secured in the top of the members 9 and 9′ by a screw 18, these members being cut away or slotted, as

indicated at 19, whereby the spring may be easily seated in the members 9 and 9′, as illustrated in Fig. 8 of the drawings. To support the hollow member 1 from telescoping the members 9 and 9′ when they are extended, I provide the angle portions 20 upon each end of the legs 21 of the U-shaped spring 16, whereby the hollow member 1 will be supported and prevented from telescoping the member 9 by the angle portion 20, as illustrated in Fig. 6 of the drawings.

In Fig. 4 of the drawings I have illustrated the stool in a folded position, and when in this position I preferably fold the seat between the telescoping legs of the stool, two of the plates 5 having been released from the ends of the hollow members 1 previous to placing them in this position. It will readily be seen that the seat can be easily and quickly detached from the leg members, when so desired, it only being necessary to detach two corners of the seat when it is desired to fold the same. When these plates have once been secured by means of the clamped portion 4 within the slots 3 of the hollow members 1, it will be impossible for the seat to become detached when the stool is being used in the extended position. (Shown in Fig. 1 of the drawings.)

It will be obvious that various slight changes may be made in the details of construction without departing from the general spirit of my invention.

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

1. In a folding stool, the combination with a tubular upper leg-section having inclined upper ends, slots formed adjacent to said ends, cap-plates fitted on the inclined ends and provided with clamping members adapted to engage within the slots, a seat secured to said plates, lower telescoping leg-sections engaging in the upper leg-sections, said lower leg-sections having slots therein, guide-bolts operating in said slots and means carried by the lower leg-sections for engagement with the upper leg-sections, to hold the said lower leg-sections in the extended position, substantially as described.

2. A folding stool having legs formed with tubular portions, said tubular portions at their upper ends being inclined and provided adjacent said ends with a pair of slots at diametrically opposite points, cap-plates seating on said ends and formed with clamp members, said members underlying the plates and extending through said pair of slots, and a seat secured to the cap-plates.

3. A folding stool the legs of which have inclined upper ends and formed adjacent thereto with slots, a cap-plate seating on each of the said ends and carrying a clamp member extending through the slots, the end of said member being bent at an angle thereto.

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

CHARLES H. MOCK.

Witnesses:
A. M. WILSON,
E. E. POTTER.