Nov. 8, 1938. A. P. WELSH 2,136,354

FOLDABLE STOOL

Filed April 24, 1937

Fig. 1.

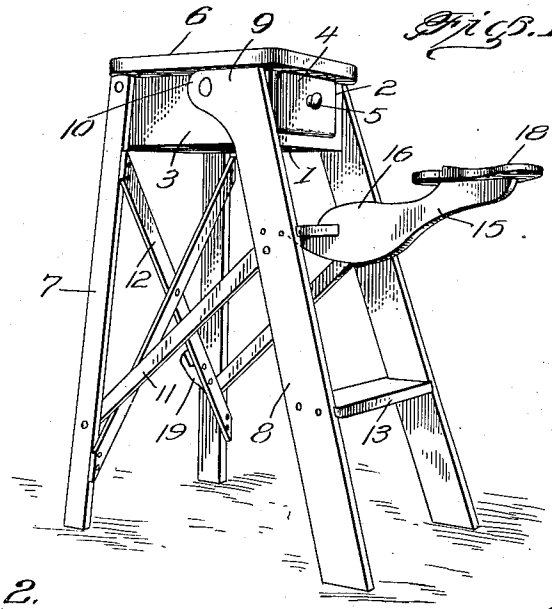


Fig. 2.

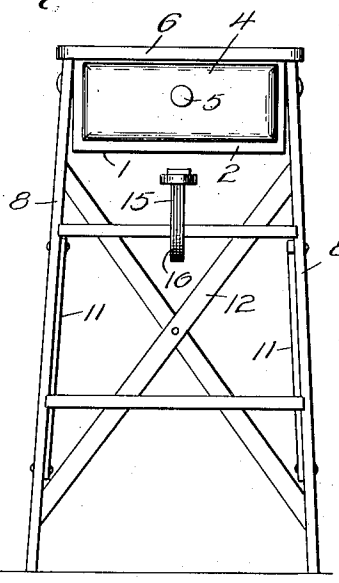


Fig. 3.

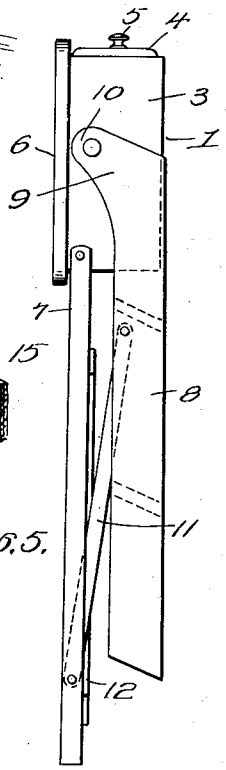


Fig. 4.

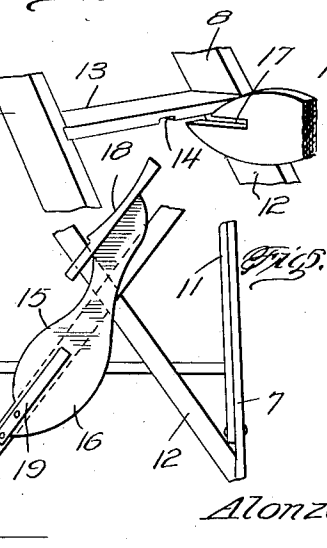


Fig. 5.

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UNITED STATES PATENT OFFICE

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FOLDABLE STOOL

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Application April 24, 1937, Serial No. 138,840

1 Claim. (Cl. 15—265)

This invention relates to stools, and its general object is to provide a stool in the form of a foldable step ladder with a foot rest to facilitate cleaning and polishing shoes and a drawer primarily for housing the cleaning and polishing equipment, the foot rest being carried by the stool or ladder at all times and detachable therefrom for disposal into and out of use, while the body of the device provides the top thereof and a seat, as well as a box frame for slidably receiving the drawer and to which the legs are connected for foldable association therewith.

This invention also consists in certain other features of construction and in the combination and arrangement of the several parts, to be hereinafter fully described, illustrated in the accompanying drawing and specifically pointed out in the appended claims.

In describing the invention in detail, reference will be had to the accompanying drawing wherein like characters denote like or corresponding parts throughout the several views, and in which:

Figure 1 is a perspective view of the device which forms the subject matter of the present invention with the foot rest in position for use.

Figure 2 is a front view thereof.

Figure 3 is a side view of the device in folded position.

Figure 4 is a fragmentary perspective view illustrating the application of the foot rest to a step of the device.

Figure 5 is a fragmentary rear view showing the application of the foot rest to the device when not in use.

Referring to the drawing in detail, the reference numeral 1 indicates the body of my device, which is shown as being a box frame including a front wall 2 having a drawer opening therein, and side walls 3 which are provided with guide flanges to slidably receive the drawer 4, the latter in the form as shown having a front wall that extends beyond the sides and bottom of the drawer to engage the front wall 2, to limit inward movement of the drawer as will be apparent, and the drawer is provided with a knob 5. A top wall 6 closes the upper end of the box frame and extends outwardly beyond the side and front walls, as well as the rear end portion of the frame, as clearly shown in Figure 3, and it will be obvious that the top wall provides a seat for the device.

Pivotally secured to the side walls adjacent to the upper rear ends thereof, and depending therefrom, are the rear legs 7 of my device, and it will be noted that the rear legs are relatively narrow, while the front legs which are indicated by the reference numeral 8 are relatively wide and include enlarged upper ends 9 to provide rearwardly directed ears 10 which are pivotally secured to the side walls, as clearly shown in Figure 1, which likewise illustrates the fact that the enlarged upper ends are straight to contact the underside of the top wall which ends act as abutment means for said top wall when the device is in set up position, and when in such position, the front and rear legs are disposed in diverging relation with respect to each other, so as to amply support the device and prevent tilting thereof.

The front and rear legs have pivotally secured thereto diagonal brace members 11, and the rear legs are additionally braced by cross brace members 12 which are disposed in overlapped association and fixed together at the point of contact, as well as to the inner edge portions of the rear legs as clearly shown in Figure 1.

The front legs are provided with grooves in the confronting faces thereof, to receive steps 13 which are fixed in the grooves, and it will be noted as clearly shown in Figure 4, that one of the steps is provided with a groove 14 on the underside thereof midway its ends for a purpose which will be presently described.

The foot rest includes an attaching arm 15 in the form of a bracket and which is provided with an enlarged end portion 16 having a slot 17 extending therein for the purpose of receiving the step, in the manner as suggested in Figure 4 which shows that the under lip of the slot extends outwardly beyond the upper lip and is receivable in the groove 14, for mounting the foot rest in position for use as clearly shown in Figure 1. The attaching arm may be made of any material suitable for the purpose, but is shown from Figure 4 as being made from ply wood, and extends from the enlarged portion at an upward inclination to terminate in a flat upper surface to which is fixed the rest plate 18 that is shaped to conform to the sole of a shoe for fitting association therewith. When the foot rest is not in use, it is carried by the device and for that purpose I provide a bracket 19 secured to one of the brace members 12, of a width to be received in the slot 17 and the bracket 19 includes an arm spaced from the brace member to receive the attaching arm between the same and the brace member, as clearly shown in Figure 5.

It is thought from the foregoing description that the advantages and novel features of the invention will be readily apparent.

It is to be understood that changes may be made in the construction and in the combina-

tion and arrangement of the several parts, provided that such changes fall within the scope of the appended claim.

I claim:

In a foldable stool in the form of a ladder including a step having a groove in a horizontal surface thereof, a foot rest including an attaching arm provided at one end with an enlarged portion, said portion being slotted to provide upper and lower lips, the lower lip extending beyond the upper lip and receivable in the groove of the step for cooperation with the upper lip for detachably securing the foot rest to the step, said arm having a flat upper surface, and a rest plate secured to said flat surface and shaped to fit the bottom of a shoe.

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