

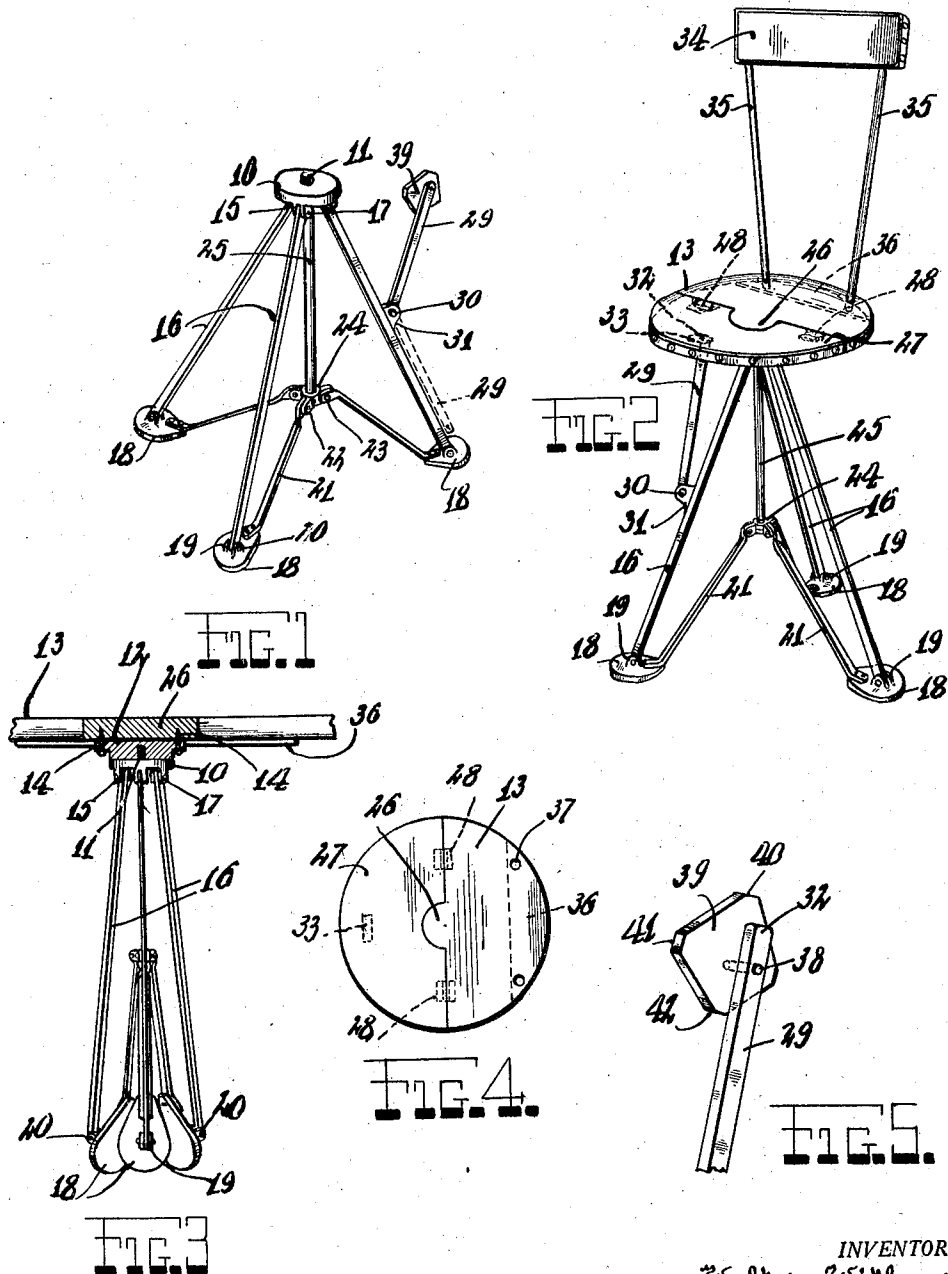
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CAMP STOOL

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# UNITED STATES PATENT OFFICE.

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## CAMP STOOL.

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This invention relates generally to collapsible stools or chairs, of the type generally known as camp stools, which may be conveniently carried around for use when desired.

The invention has for an object the provision of a novel and simple collapsible stool which may be readily set up or collapsed.

A further object of the invention is the provision of a collapsible stool of strong construction and ample bracing.

For further comprehension of the invention, and of the objects and advantages thereof, reference will be had to the following description and accompanying drawing, and to the appended claims in which the various novel features of the invention are more particularly set forth.

Fig. 1 of the drawing, shows a perspective view of the leg members, as used to support my improved collapsible stool, in an open or usable position.

Fig. 2 of the drawing, shows a perspective view of my improved collapsible stool.

Fig. 3 of the drawing, shows a front elevational view of my improved collapsible stool, certain parts being shown in section, and the back support removed.

Fig. 4 of the drawing, shows a detail top plan view of the seat element as used in connection with my improved collapsible stool.

Fig. 5 of the drawing, shows a fragmentary perspective view of a modification of my improved collapsible stool.

As here embodied my improved collapsible stool comprises a seat support 10, preferably of circular disc construction, and having an upper, threaded vertical protruding portion 11, to accommodate the plate 12, which is rigidly attached to the seat proper 13, as at 14, by screws, bolts, or any suitable similar means. The seat support 10, is provided with a plurality of hinge lugs 15, to which the legs 16 are hinged or pivoted, at their upper extremities, as at 17, and which are adapted to extend outward in radial directions, when my improved device is in an opened or usable position, as clearly shown in Fig. 1 of the accompanying drawing. The feet 18, are provided with hinge lugs 19, to which the lower extremities of the legs 16 are hinged or pivoted, as at 20, and are also provided with radial supports 21, integral or rigidly attached thereto, and hinged or pivoted to the hinge lugs 22 as

at 23, depending from the ring 24, which is slidably attached to the central support 25. The central support 25, is rigidly attached to the center of the seat support 10, and extends downward therefrom in a vertical direction. The above mentioned construction is such as will permit the legs 16 to be extended, or folded, when not in use, similar to a tripod or the like.

The seat proper 13, is semicircular shaped, and has an extending central portion 26, also semicircular shaped, to accommodate the said plate 12. The seat member 27, semicircular shaped and having a central recess to accommodate the central portion 26 of the seat proper 13, is hinged to the said seat proper 13, as at 28, by suitable hinges or the like.

The seat member support 29 is hinged or pivoted, as at 30, to hinge lugs 31, attached to or integral with one of the legs 16, at or near its center, having its upper extremity 32 engaging with a protruding portion 33 of the seat member 27, when my improved collapsible seat is in use, it being understood that the said protruding portion 33 of the seat member 27 is located at or near the center of the seat member 27, so as to properly support the seat member 27, and that the support 29 is hinged or pivoted downward against the leg to which same is attached, when my improved collapsible stool is in a folded position, as designated by the reference numeral 29' in Fig. 1 of the accompanying drawing.

The back rest 34, of any suitable construction and shape is supported by the depending members 35, suitably attached thereto at their upper extremities, and attached, at their lower extremities, to a plate 36, by threads or the like, the said plate 36 being rigidly attached to the seat proper 13, the said lower extremities of the said depending members extending through apertures 37 suitably located in the said seat proper 13.

Referring in particular to Fig. 5 of the accompanying drawing, in which I have shown a modification of my improved collapsible stool, the said support 32, has hinged or pivoted at its upper extremity, as at 38, a support proper 39, preferably rectangular shaped, and having flat corners 40, 41 and 42, unequal distances from the point of support 38, it being understood that the said upper extremity 32 of the said support 29 does not engage the said pro-

truding portion 33 of the said seat member 27, as the said support 29, is somewhat shorter, so as to allow the flat corner 40, to engage the protruding portion 33, so as to hold the seat member 27 in a horizontal position; it being understood that when the flat corner 41 is engaged with the protruding portion 33, the seat member 27 will be in a slightly inclined upward position, and that when the flat corner 41 engages the protruding portion 33, the seat member 27 will be in a slightly inclined downward position.

Having thus described my invention what I claim as new and desire to protect by Letters Patent of the United States is as follows:

1. A collapsible stool comprising a seat proper, a seat member hinged thereto, legs hinged to the said seat proper, feet hinged to the said legs, radial supports hinged to said feet, a central support rigidly attached to the center of the said seat proper and extending downwards therefrom in a vertical position and a ring slidably mounted on said central support and guided thereby, said radial supports being pivoted at their upper ends to said ring.

2. In a device of the class described, a seat comprising a forward section having a slot therein and a rearward section, means for pivotally securing said sections together, said rearward section being permanently fixed to assume a substantially horizontal

position, legs for supporting said rearward seat section, a support pivoted to one of said legs between the ends thereof, and a rotatively mounted member having flat surfaces distributed on the periphery thereof and different distances from the center of rotation of said rotatively mounted member secured to the upper end of said support, said rotatively mounted member being adapted to engage the slot in said forward seat section and to support the same at predetermined inclinations to said rearward seat section.

3. In a device of the class described, a seat comprising a forward section having a slot therein, and a rearward section, a projection on said rearward section substantially at the center of said seat, there being a recess in said forward section to accommodate said projection, legs mounted on said projection, means pivotally connecting said rearward and forward sections, a support pivoted to one of said legs for supporting said forward seat section, and means on the upper end of said support adapted to change the effective length thereof and to extend into said slot, the effective length of said support being variable to predetermine the inclination between the forward and rearward seat sections.

In testimony whereof I have affixed my signature.

WALTER WITKOWSKI.