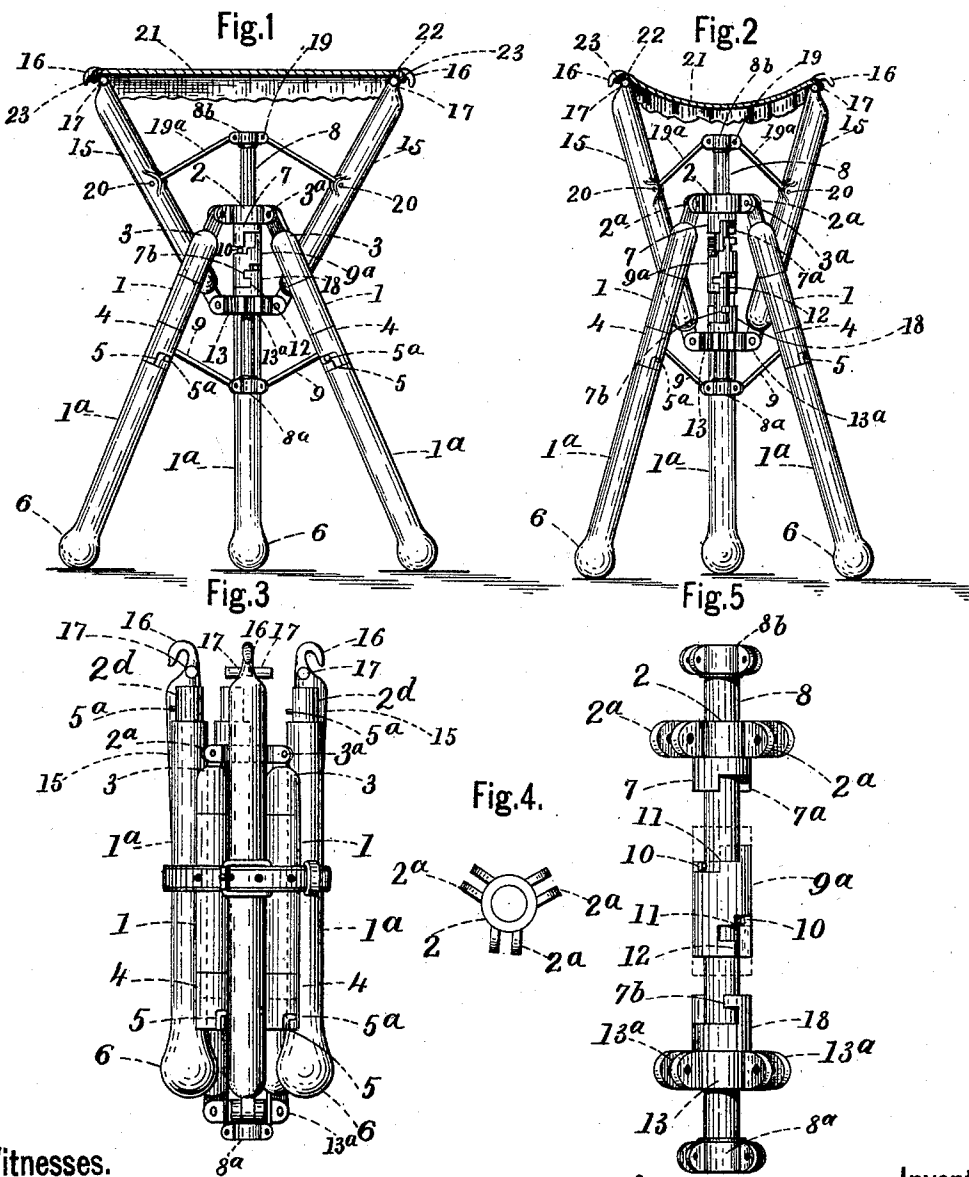


(No Model.)

L. D. MASON.  
FOLDING CAMP STOOL.

No. 476,805.

Patented June 14, 1892.



Witnesses.

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# UNITED STATES PATENT OFFICE.

LEWIS D. MASON, OF BUFFALO, NEW YORK.

## FOLDING CAMP-STOOL.

SPECIFICATION forming part of Letters Patent No. 476,805, dated June 14, 1892.

Application filed September 18, 1891. Serial No. 406,055. (No model.)

*To all whom it may concern:*

Be it known that I, LEWIS D. MASON, a citizen of the United States, residing in Buffalo, in the county of Erie and State of New York, have invented certain new and useful Improvements in Folding Camp-Stools, of which the following is a specification.

My invention relates to that class of stools usually termed "camp-stools," and is simple in construction and adapted to be folded up into a small parcel that can be carried in a satchel or in a coat-pocket, all of which will be fully and clearly herein described and claimed, reference being had to the accompanying drawings, in which—

Figure 1 is a side elevation of the stool in position for use, one of the upper pivoted folding supporting-bars being omitted, so as to show the construction of the vertical central mechanism behind it. Fig. 2 is a similar elevation showing the stool partly closed preparatory to folding it up, one of the upper pivoted supporting-bars being omitted, so as to show the vertical central mechanism for releasing the several parts when it is desired to fold the stool into a small compass or engage and hold in position the several parts, as in Fig. 1, when the stool is required for use. Fig. 3 represents a side elevation showing the stool folded up and secured in position to be conveniently carried about. Fig. 4 is a detached plan view of the part to which the legs are pivoted. Fig. 5 is an enlarged side elevation showing the means for holding the several parts of the stool in position when opened out ready for use or for releasing the said parts when the stool is required to be folded up, as in Fig. 3.

In the drawings the stool is represented with three legs 1<sup>a</sup>, made, preferably, of hard wood and each pivoted to a metallic supporting-piece 2, having lugs or ears 2<sup>a</sup>, between which the metallic pivotal ends 3 of the legs are secured by pins 3<sup>a</sup>. These legs are made in two parts 1 and 1<sup>a</sup>. The portions 1 are each provided with a sleeve 4, of metal, (preferably malleable iron,) made to project down sufficiently to provide a socket, into which the reduced portion 2<sup>d</sup> of the part 1<sup>a</sup> can slip in and be secured by the ordinary bayonet-catch device 5 and pin 5<sup>a</sup>, which project out from the reduced portion 2<sup>d</sup>. At the bottom

of each leg is an enlarged portion 6 to prevent the stool from sinking down too far into soft soil. The under part of the supporting-piece 2 is provided with a downwardly-projecting sleeve 7, provided with one or more hooks 7<sup>a</sup>. This supporting-piece 2 and its sleeve 7, forming a part of it, are adapted to slide vertically up and down on the vertical central adjusting-rod 8. This vertical adjusting-rod 8 is connected with the legs 1 1<sup>a</sup> by means of a supporting-piece 8<sup>a</sup>, made similar to the supporting-piece 2 and rigidly secured to the bottom end of the supporting-rod. To this part 8<sup>a</sup> are jointed three arms 9, having their opposite ends jointed to the inner sides of the legs 1.

At or about the center of the vertical adjusting-rod 8 is mounted a sleeve 9<sup>a</sup>, which is prevented from sliding vertically up or down on said rod 8 by means of the small pins 10, (see Fig. 5, where this is more plainly shown,) which project out from the rod 8; but the sleeve 9<sup>a</sup> can be freely turned around the rod back and forth a limited distance, a shoulder 11 at the top and bottom of the sleeve limiting the distance. The top and bottom of the sleeve 9<sup>a</sup> are also provided with one or more hooks 12, the office of which will be shown clearly farther on. (See Fig. 5.)

Below the sleeve 9<sup>a</sup> is loosely mounted on the vertical rod 8, so as to be capable of sliding easily up or down thereon, a holding-piece 13, having projecting lugs 13<sup>a</sup>. To this lower piece are pivoted by pins 14 three arms 15, which radiate outward and upward. The top of these arms 15 terminate in hooks 16, having cross-pins 17 rigidly secured thereto slightly below the hooks 16.

The holding-piece 13 is provided with an upwardly-projecting sleeve 18, also mounted so as to slide easily up or down on the adjusting-rod 8 with the portion 13, to which it is rigidly secured or formed in one piece with it. It is also provided with one or more hooks 7<sup>b</sup>, adapted to engage with the hooks on the sleeve 9<sup>a</sup>.

At the top of the adjusting-rod 8 is another piece 8<sup>b</sup>. It is exactly the same as the piece 8<sup>a</sup> and is rigidly secured at the top of the rod 8, and to this piece 8<sup>b</sup> are pivoted by pins 19 three arms 19<sup>a</sup>, having their opposite ends pivoted to the arms 15 by pins 20.

The top of the stool is provided with a flexible top 21, made of canvas or other suitable material. It is surrounded by a heavy cord 22, securely fastened to the cloth portion, and is provided with loops 23 at the corners, which catch over the hooks 16, the cross-pins 17 preventing the loops from passing too far.

In Fig. 1 I have represented the stool as set up ready for use. To fold the stool up so as to be conveniently carried about, all that is necessary to do is to remove the portion 1<sup>a</sup> of the legs, then disengage the hooks 12 and 7<sup>b</sup>, which allows the parts 2 and 13 to separate, then fold the parts 1 together, also the parts 15, then put the whole together and secure them with a strap, substantially as shown in Fig. 3. When folding the parts together, as above mentioned, the parts 2 and 13, with their connecting parts, move away from each other and from the sleeve 9<sup>a</sup>. This construction forms a convenient camp-stool which takes but little space when required to be carried about and is easily and quickly set up when required for use.

I claim as my invention—

In a folding camp-stool, a lower series of

bars forming the legs of the stool, their upper ends being pivoted to a movable portion having a sleeve provided with hooks and adapted to slide up and down on a vertical central adjusting-rod, in combination with the vertical central adjusting-rod, an upper corresponding series of bars forming the seat-supporting arms, having at their tops hooks, to which the seat is secured, and their lower ends pivoted to a similar portion provided with a sleeve having fastening-hooks and adapted to slide up or down on the vertical central adjusting-rod, a sleeve mounted loosely on the vertical central adjusting-rod, prevented from moving longitudinally by pins on said rod, hooks on said sleeve to engage with the hooks on the portions holding the supporting-arms and legs, and arms pivoted to the top and bottom of the vertical central adjusting-rod and to legs and supporting-arms, substantially as described.

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Witnesses:

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