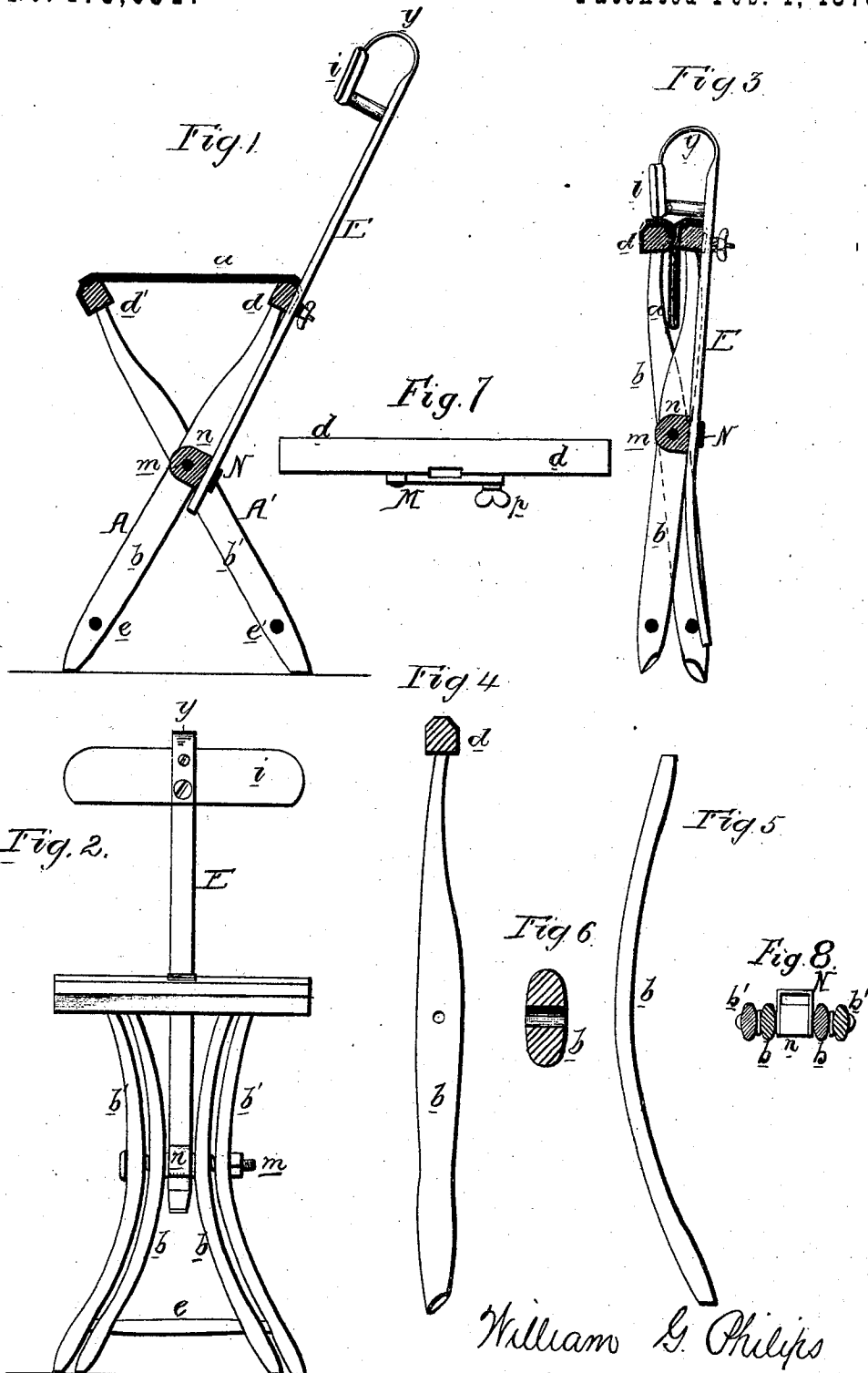


W. G. PHILIPS.
CAMP-STOOL.

No. 173,054.

Patented Feb. 1, 1876.



Witnesses
Harry Howson
Harry Smith

William G. Philips
by his Attorneys
Howson and Son

UNITED STATES PATENT OFFICE.

WILLIAM G. PHILIPS, OF GREEN BANK, DELAWARE.

IMPROVEMENT IN CAMP-STOOLS.

Specification forming part of Letters Patent No. 173,054, dated February 1, 1876; application filed December 17, 1875.

To all whom it may concern:

Be it known that I, WILLIAM G. PHILIPS, of Green Bank, New Castle county, Delaware, have invented an Improved Camp-Stool, of which the following is a specification:

The object of my invention is to construct a light and strong camp-stool, and to render the same more comfortable and portable by combining with it an adjustable back.

In the accompanying drawing, Figure 1 is a vertical section of my improved camp-stool as it appears when opened for use; Fig. 2, a front view of Fig. 1; Fig. 3, a section of the stool as it appears when folded; Figs. 4, 5, and 6, views of one of the legs; Fig. 7, a top view of the upper edge of one of the frames; and Fig. 8, a sectional plan on the line 1 2, Fig. 2.

The stool consists of two frames, A and A', hinged together by a bolt or rivet, *m*, and connected together at the top by a strip, *a*, of carpet or other suitable fabric. The frame A consists of two inwardly-curved legs, *b b*, connected together at the top by the cross-bar, *d*, and near their lower ends by a rail, *e*, in like manner. The frame A' consists of two inwardly-curved legs, *b' b'*, connected together at the top by a cross-bar, *d'*, and near their lower ends by the rail *e'*.

The fabric *a*, forming the seat of the stool, is secured to the cross-bars of the two frames, and limits the outward movement of the same as in ordinary camp-stools. The curved legs of the two frames are so arranged that those of one frame shall be within those of the other, as shown in Fig. 2, thereby permitting the stool to be folded into a comparatively small compass.

I discard the straight legs common to stools of this class, and make them in the following manner: Selecting a straight piece of wood of appropriate size and quality, I first turn it in a lathe for making irregular forms to the shape shown in Fig. 4, and transverse section, Fig. 6, and then bend it by the usual process to the form shown in Figs. 2 and 5. By thus bending the legs, all of them may be brought near to each other at the point where they are hinged together by the bolt or rivet *m*. Thus greater strength and steadiness are insured than when ordinary straight legs, which are necessarily arranged apart from each other, are used.

In the present instance an adjustable back is combined with the stool, the said back consisting of a strip, E, of tough wood, adapted to a guide on the cross-bar *d* of the frame A, and to a staple, N, on a block, *n*, which intervenes between the two legs of the same frame, the strip thus admitting of being adjusted in its guides. These guides for the strip E will be best observed by reference to Figs. 7 and 8, the upper guide being formed in an arm, M, one end of which is loosely connected to the bar *d*, the other end being connected to the same bar by a set-screw, *p*, by manipulating which the strip E may be clamped to the bar *d* or released for adjustment.

The strip is, by preference, bent at the top *y*, so as to form a handle, by which the chair may be conveniently carried about after its legs have been folded and the strip depressed, as shown in Fig. 3, the bent portion being furnished with a cross-piece, *i*, forming a rest for the back of the occupant of the chair.

When the stool is made without a back the block *n* may be dispensed with, and the legs of the frame A may be brought nearer together, those of the frame A' being bent accordingly, simple washers being introduced between the legs of one frame and those of the other at the point where the bolt or rivet hinges the two frames together.

I claim as my invention—

1. A camp-stool in which the legs of the two frames are bent inward in the middle, so as to be near each other at the point where they are hinged together, as set forth.

2. The combination, in a camp-stool, of the adjustable back E with a guide on the cross-bar *d* of one of the frames, and a guide on the block *n*, all substantially as specified.

3. The combination, in a camp-stool, of the adjustable back E, its bent upper end *y*, and cross-piece *i*, as and for the purpose herein set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WM. G. PHILIPS.

Witnesses:

HARRY HOWSON, Jr.,
HARRY SMITH.