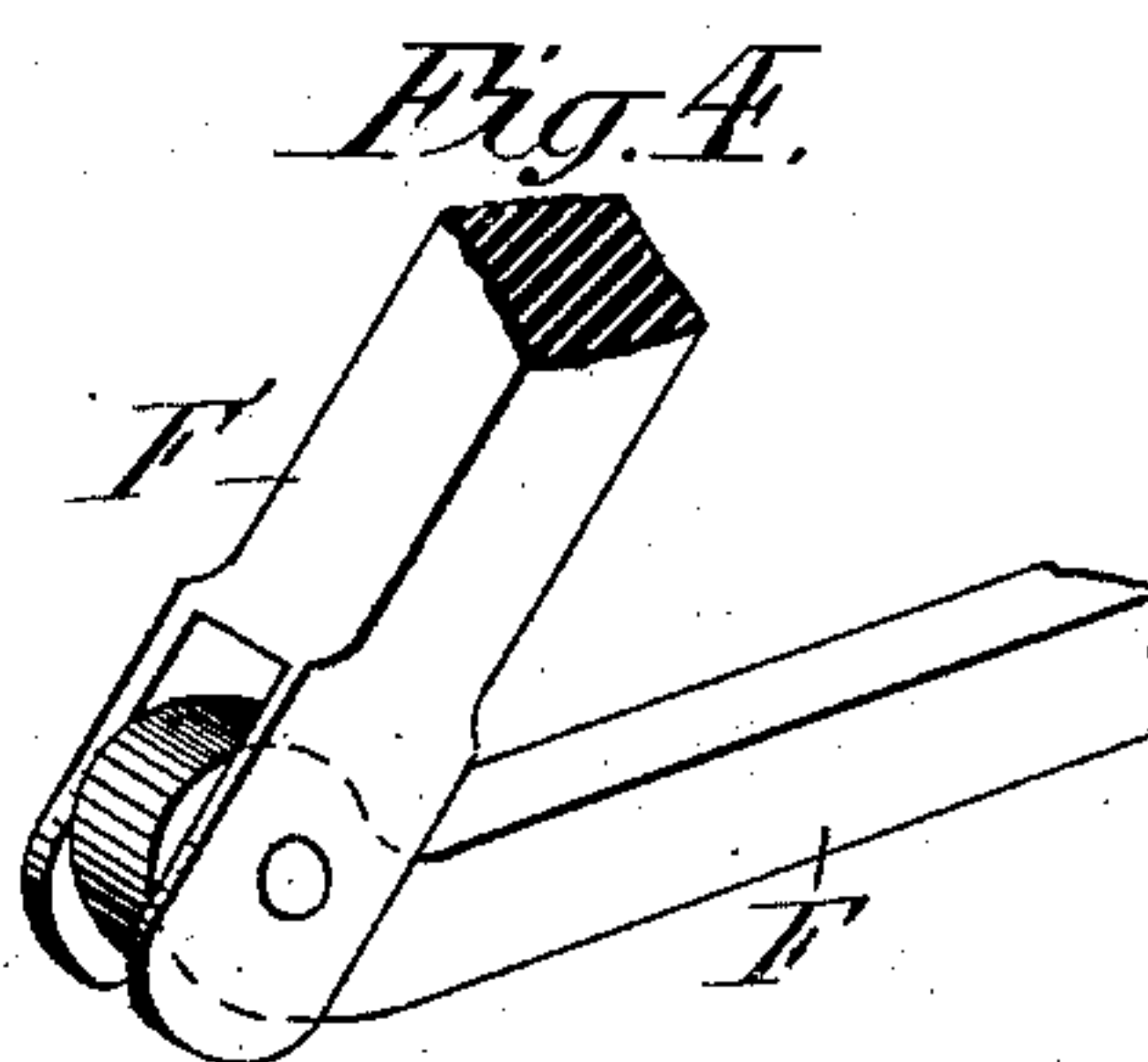
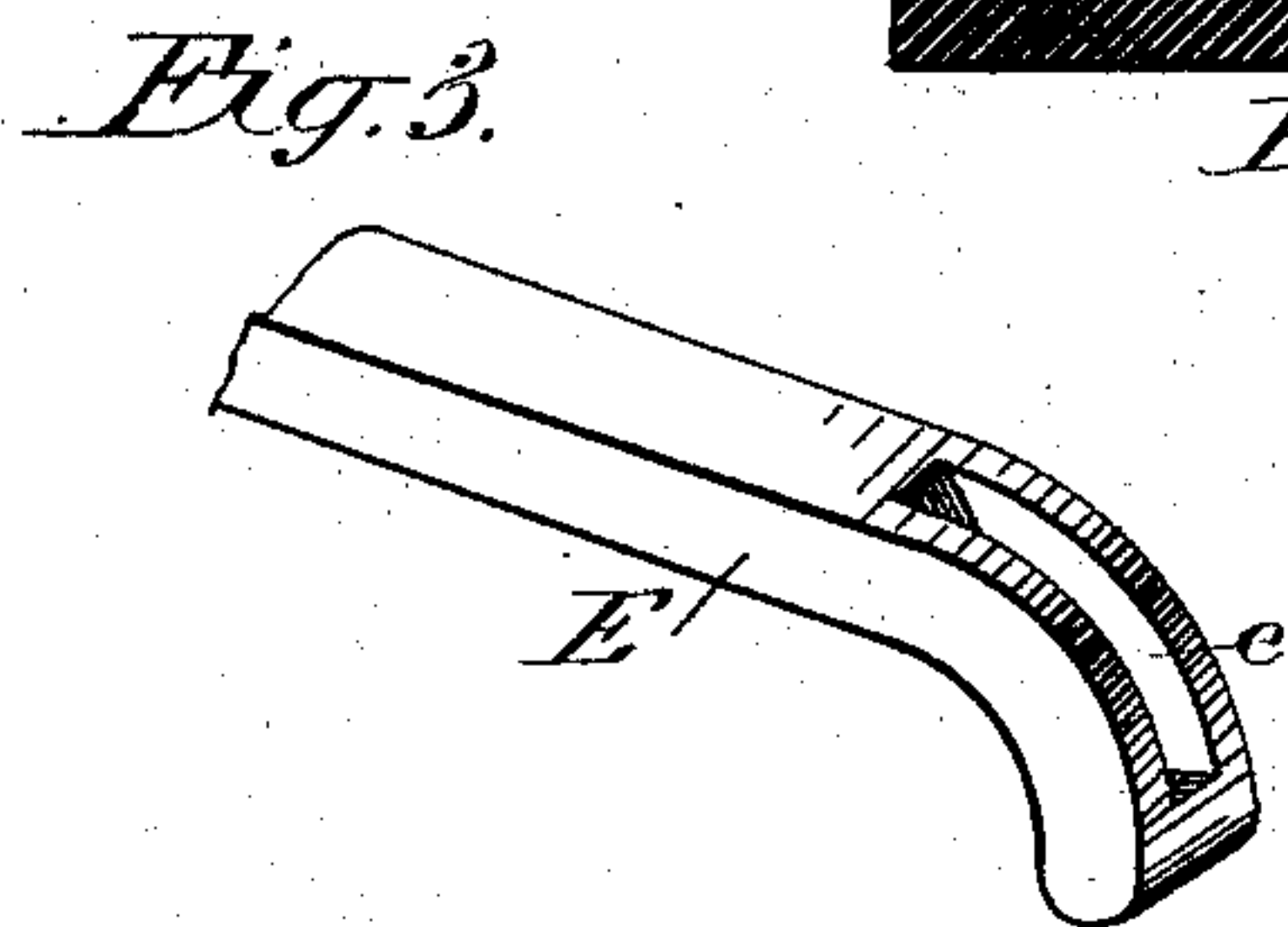
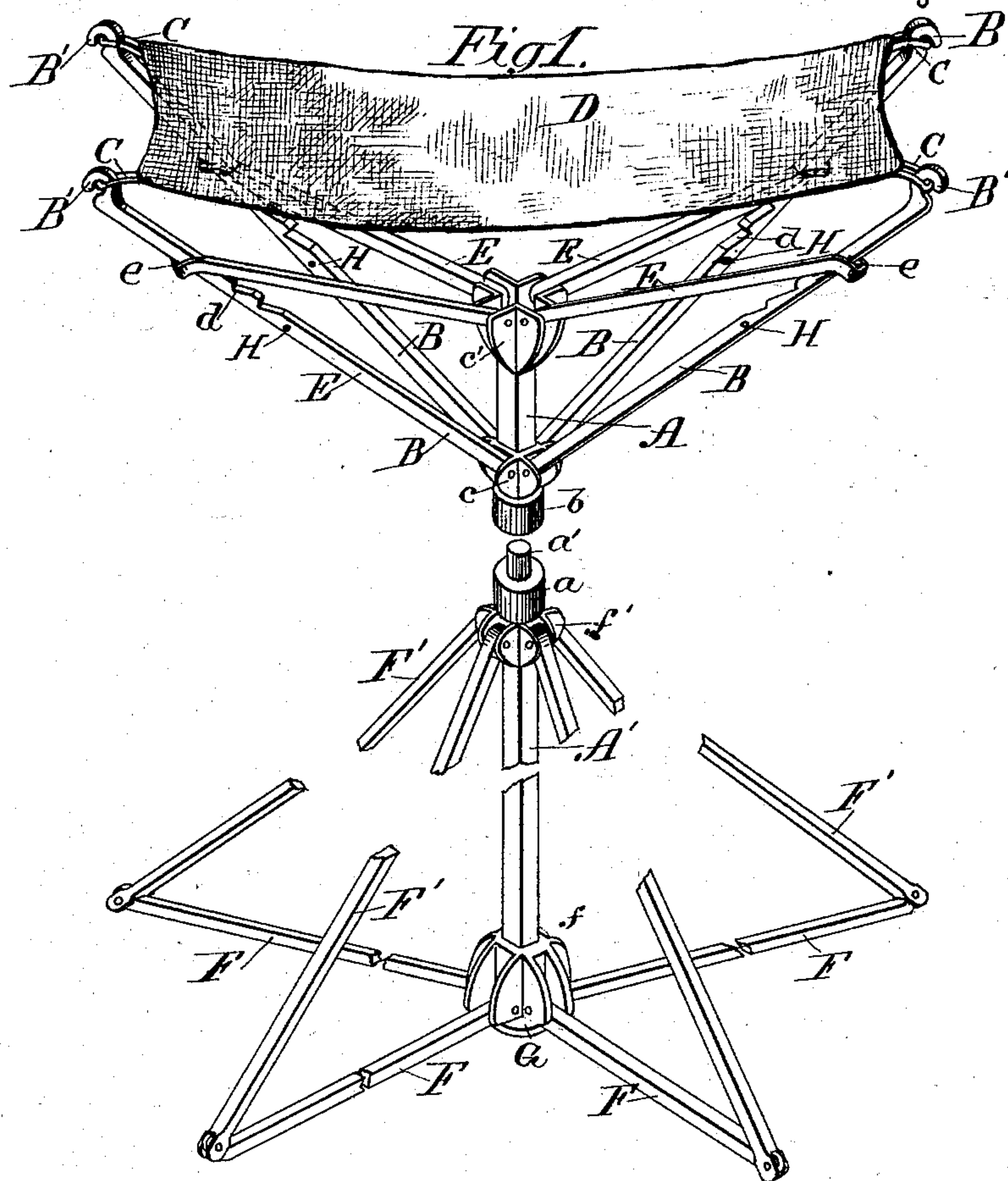


(No Model.)

A. RINTELMAN.
FOLDING STOOL.

No. 282,371.

Patented July 31, 1883.



Witnesses:
C. B. Story.
E. J. Bohn.

Inventor:
August Rintelman
By
Stout & Underwood
Attorneys.

UNITED STATES PATENT OFFICE.

AUGUST RINTELMAN, OF MILWAUKEE, WISCONSIN, ASSIGNOR OF ONE-HALF
TO STANLEY S. STOUT AND HAROLD G. UNDERWOOD, OF SAME PLACE.

FOLDING STOOL.

SPECIFICATION forming part of Letters Patent No. 282,371, dated July 31, 1883.

Application filed August 22, 1882. (No model.)

To all whom it may concern:

Be it known that I, AUGUST RINTELMAN, of Milwaukee, in the county of Milwaukee, and in the State of Wisconsin, have invented certain new and useful Improvements in Folding Stools; and I do hereby declare that the following is a full, clear, and exact description thereof.

My invention consists in a folding stool of improved construction, and will be fully described hereinafter.

In the drawings, Figure 1 is a perspective view of my improved stool. Figs. 2, 3, and 4 are details.

I usually make the standard of my improved folding stool in two sections, A A', providing one of the sections with a hub, *a*, and spindle *a'*, while I provide the other with a hub, *b*, having a bore sufficiently large to accommodate the spindle *a'*. In this instance I show the spindle *a'* as projecting from the hub *a* on the upper end of the lower section, A'; but the spindle may be on either section and the bore on the other. The section A is rectangular above its hub *b* to receive flanged collars *c c'*, which are rigidly attached to the said section; and between the flanges of collar *c*, I pivot arms B, the upper ends of which are formed with hooks B' to receive metallic loops C, that project from the corners of the flexible seat D. The upper half of each arm B is notched, as shown at *d*, and between the flanges of collar *c'*, I pivot braces E, the outer ends of which are slotted, as shown at *e*, and are formed with knife-edges at the inner termination of the slots, as shown at *e'*, Fig. 2; and when the stool is put together each of the arms B is passed up through one of the slots *e*, and the knife-edge *e'* of each slot is then in position to engage with the notches *d* on the arm B, which passes through that particular slot, when the said arms B are in position to receive the flexible seat D, and thus the arms are braced apart, as shown in Fig. 1. The seat may be made to sag more or less by adjusting the knife-edges of the braces up and down in the notches on the arms B. To fold the arms it is only necessary to raise braces E, so as to remove the seat D, and then to lift section A from section A' and turn it upside down, when the braces will slide down on the arms B, and the arms and

braces will fold together. The lower section, A', of the stool, like the upper section, has flanged collars; but the lower collar, *f*, of the lower section fits loosely on the standard A', and is adapted to slide up and down thereon, the said standard being upset or provided with a head, G, at its base to prevent the said collar *f* from sliding off. The upper collar, *f'*, however, is permanently fixed to the standard A', and between its flanges has pivoted four braces, F', and to the outer or lower ends of these braces I pivot arms F, as shown best in Fig. 4, that extend inward to the collar *f*, where they are pivoted between its flanges in a similar manner, and which arms rest on the floor or ground to support the stool when in use. This is the position the arms and braces occupy when the stool is ready for its occupant, its arms F resting upon the ground or floor; but if the section A should be lifted off and the section A' turned upside down the collar *f* will slide toward the collar *f'* and permit the braces and arms to fold together. The sections A and A' may now be placed side by side and wrapped about with the flexible seat D to form a compact bundle—such as may be carried in the hand or in a valise, lunch-basket, or fisherman's creel. As I said before, the spindle *a'* fits loosely in the hub *b* when the stool is set up, and therefore the occupant may swing himself or herself about without moving the base of the stool; but while I prefer to make my stool in two sections, it is obvious that I may make the standard in one solid piece from top to bottom without departing from the spirit of my invention.

H H are pins extending through or from the sides of the arms B, and their function is to prevent the slotted ends of the braces E from sliding below the point of location of said pins on the said arms when the seat D is removed preparatory to folding up the stool.

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

1. In a folding stool, the combination of the standard A, fixed collars *c c'*, and pivoted braces E, having slotted ends *e*, with interior knife-edges, *e'*, with the pivoted arms B, which pass through the slots *e*, and are provided with notches *d* for engagement with the described

knife-edges *e'*, and pins H, all arranged and adapted to operate substantially as set forth.

2. In a folding stool, the combination, with a standard, of lower and upper flanged stationary collars, with notched arms and slotted braces pivoted, respectively, thereto, the said arms moving within the slots in the said braces, which are provided with knife-edges *e'* within said slots to engage with the notches in the said arms, as set forth.

3. In a folding stool, the pivoted arms B, hooked at B' and notched at *d*, in combination with pivoted braces E, standard-section A, and flexible seat D, as set forth.

4. In a folding stool, the lower standard-section, A', sliding collar *f*, stationary collar *f'*, arms F, and braces F', all combined and piv-

oted together, as described, in combination with the hub *a*, spindle *a'*, and removable standard A, having bored hub *b*, flanged collars *c c'*, rigidly attached to said standard, pivoted arms B, with hooked ends B', notches *d*, and pins H, and the pivoted braces E, having slotted ends *e*, with interior knife-edges, *e'*, to receive the arms B, and flexible seat D, substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand, on this 11th day of August, 1882, in the presence of two witnesses.

AUGUST RINTELMAN.

Witnesses:

S. S. STOUT,

H. G. UNDERWOOD.