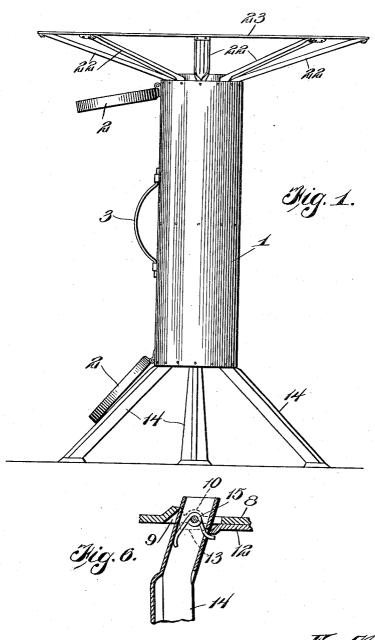
F. MANTE. FOLDING STOOL. APPLICATION FILED JUNE 6, 1916.

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Patented May 15, 1917.



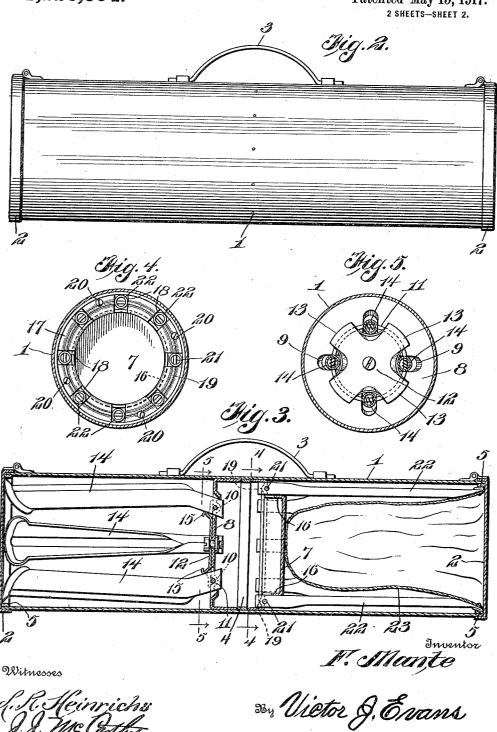
F. Mante

attorney

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UNITED STATES PATENT OFFICE.

FERDINAND MANTE, OF OAKLAND, CALIFORNIA.

FOLDING STOOL.

1,226,554.

Specification of Letters Patent.

Patented May 15, 1917.

Application filed June 6, 1916. Serial No. 102,000.

To all whom it may concern:

Be it known that I, FERDINAND MANTE, a citizen of the United States, residing at Oakland, in the county of Alameda and State of California, have invented new and useful Improvements in Folding Stools, of which the following is a specification.

This invention relates to certain novel and useful improvements in folding stools.

In carrying out the present invention, it is my purpose to provide a folding stool which will be found especially useful by campers, automobilists, canoeists and the like, and which may be quickly and conventiently folded into a small and compact structure so that the device, when folded, may be handled conveniently and stored away in a small space.

It is also my purpose to provide a stool 20 of the class described which, when folded, will resemble a music roll and may be carried in the hand after the fashion of a

music roll.

With the above and other objects in view, 25 the invention consists in the construction, combination and arrangement of parts hereinafter set forth in and falling within the scope of the claim.

In the accompanying drawings;

Figure 1 is a view in elevation of a folding stool constructed in accordance with the present invention, the parts being shown in open position.

Fig. 2 is a similar view showing the stool

35 folded or closed.

Fig. 3 is a longitudinal sectional view through the stool, showing the parts in folded position.

Fig. 4 is a cross sectional view on the

40 line 4-4 of Fig. 3.

Fig. 5 is a similar view on the line 5—5

of Fig. 3.

Fig. 6 is an enlarged cross sectional view

showing a detail of the invention.

Referring now to the drawings in detail,
1 designates a tube of suitable length and
diameter and hinged to the ends of the tube
1 are covers 2, 2 adapted to close the ends
of the tube and capable of swinging movement to open such end. Connected to the
tube 1 at a point between its ends is a handle
3. Arranged in the tube 1 at a point centrally of the distance between the ends of the
tube is a ring 4 appropriately fastened to the
tube, while arranged in the outer ends of
the tube and suitably secured therein are

rings 5. Slidably mounted in the tube 1 between the center ring and the outer rings respectively are disks 7 and 8, the inner ring 4 serving to limit the inward movement of 60 the disks 7 and 8 and the rings 5 acting to limit the outward movement of the disks 7 and 8. Formed in the disk 8 are radial slots 9 spaced apart equal distances around the center of the disk and formed in one face of 65 the disk 8 concentrically thereof is a wire receiving groove 10 intersecting the slots 9 and adapted to receive a pivot wire 11. Bolted to the center of the grooved face of the disk 8 is a hub 12 formed with radial 70 arms 13 arranged between the respective slots 9 and overlying the groove 10 to hold the wire 11 therein. Pivotally mounted upon the wire 11 and having the inner ends thereof disposed within the slots 9 respec- 75 tively are legs 14. The legs 14 are of any suitable construction and the pivoted end portions thereof are offset inwardly from the remaining portions of the legs for a purpose which will presently appear. Connected to each leg is a spring 15 designed to swing the leg to active position and hold the same in such position.

The disk 7 is formed with an inwardly extending peripheral flange 16 and with an 85 outwardly extending flange 17 integral with the inner end of the flange 16 and having the outer edge thereof bearing against the inner wall of the tube 1. Formed in this outwardly projecting flange 17 and partially in the flange 15, are radial slots 18 spaced apart around the flange 17. Formed on the outer side of the flange 17 is a wire receiving groove 19 that intersects the slots 18 and passed through the flange 17 are bolts 20 95 that act to hold the securing wire 21 in the groove 19. Pivoted upon the wire 21 and having the inner ends thereof arranged within the slots 18 respectively are arms 22 adapted to radiate from the disk 7 and pro- 100 ject laterally of the tube 1 when the disk 7 is at the outer end of the tube and the arms swung to open position. Secured to the outer ends of the arms 22 is a flexible seat 23.

In practice, the disks 7 and 8 may be 105 moved toward the center ring in the tube and in this movement of the disks the legs 14 and the arms 22 are drawn into the tube. After the arms and legs have been drawn into the tube, the end pieces or caps 2 may 110 be swung to closed position and the stool

carried about conveniently.

When it is desired to use the stool, the legs 14 and the arms 22 are drawn out through the respective ends of the tube until the disks 7 and 8 are arrested by the rings in the ends of the tube. In the outward movement of the legs 14 the springs 15 act to swing the legs outwardly and the shoulders formed at the offset portions of the legs engage the ends of the tube. When the disk 7 is at its limit of outward movement the arms 22 are swung to open position, thereby spreading the seat, as clearly illustrated in Fig. 1 of the drawings. When the seat is in use, the shoulders on the legs receive the weight of the tube, thereby preventing the tube from sliding down along the legs.

While I have herein shown and described the preferred form of my invention by way of illustration, I wish it to be understood that I do not limit or confine myself to the precise details of construction herein described and delineated, as modification and variation may be made within the scope of the claim and without departing from the 25 spirit of the invention.

I claim:

A folding stool comprising a tubular body,

a disk slidably mounted in one end portion of the body and formed with an inwardly extending flange and an outwardly extend- 30 ing flange bearing against the inner surface of the body, said inwardly and outwardly extending flanges each being formed with radial slots spaced apart equal distances and said outwardly extending flange being 35 formed with a wire receiving groove intersecting said slots, a wire in said groove, seat carrying arms having the inner ends thereof disposed in said slots respectively and pivotally connected to said wire, and capable of 40 movement to open position when the disk is at the outer end of the body, a second disk slidably mounted in the other end portion of the body, and legs pivotally connected to the last mentioned disk and capable of move- 45 ment to open position when the last mentioned disk is moved to the outer end of the bodv.

In testimony whereof I affix my signature.
FERDINAND MANTE.

Witnesses:
LEO FRICKE,
GEORGE MARINO.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."