

No. 763,166.

PATENTED JUNE 21, 1904.

M. F. DOUGHERTY.  
COMBINED CANE AND STOOL.

APPLICATION FILED SEPT. 8, 1903.

NO MODEL.

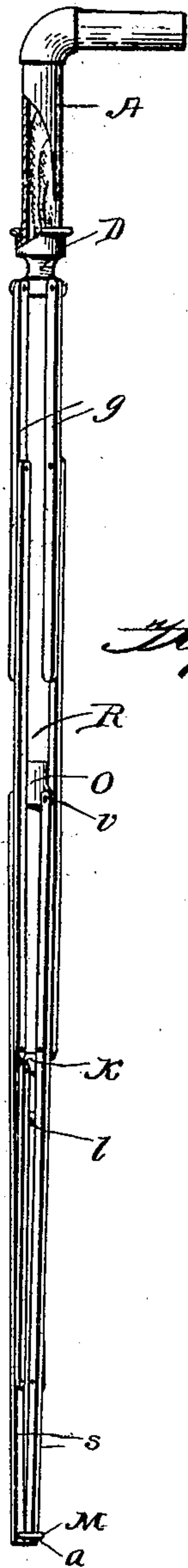


Fig. 1.

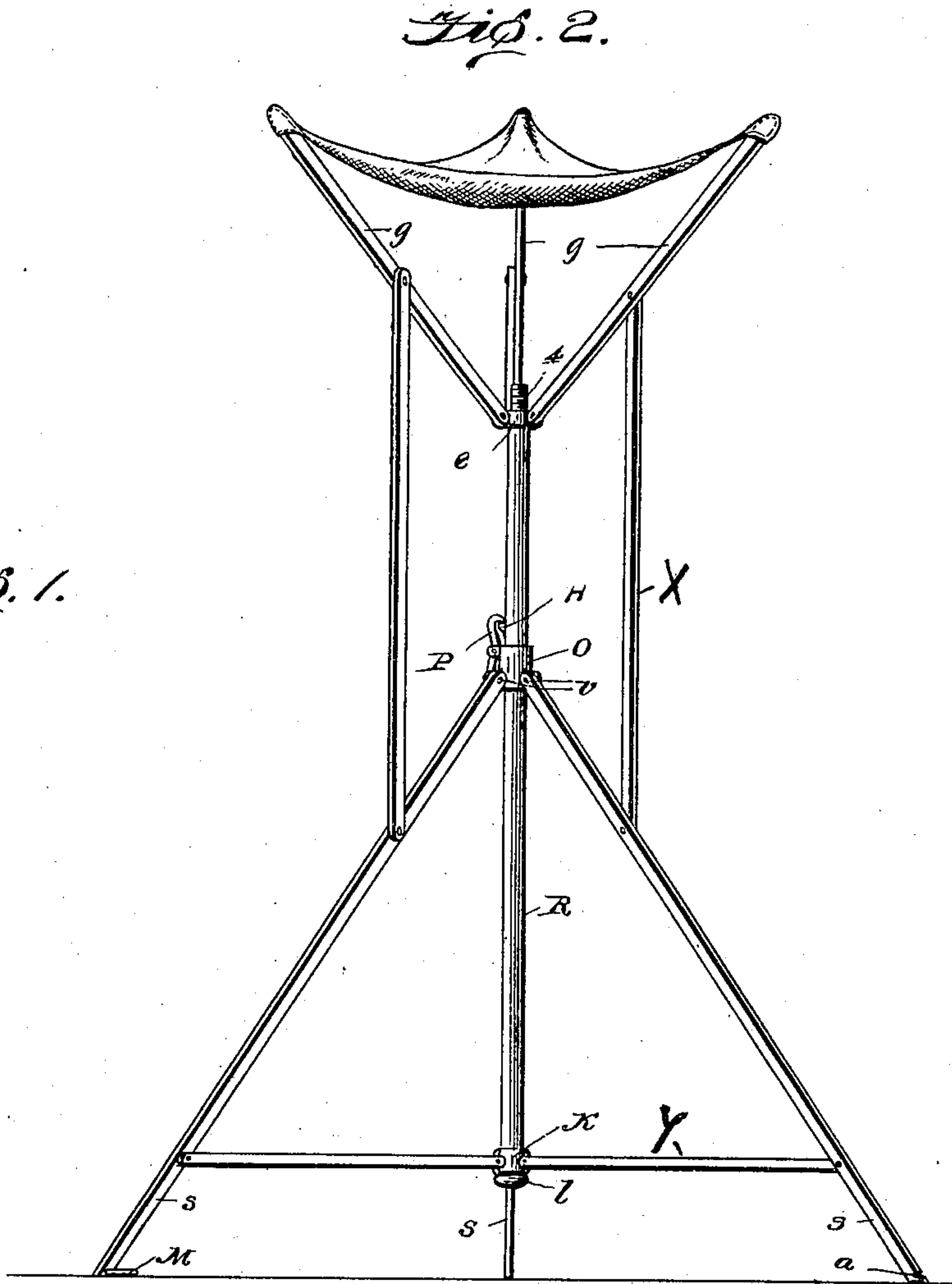


Fig. 2.

Witnesses

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# UNITED STATES PATENT OFFICE.

MARION F. DOUGHERTY, OF INDEPENDENCE, KANSAS.

## COMBINED CANE AND STOOL.

SPECIFICATION forming part of Letters Patent No. 763,166, dated June 21, 1904.

Application filed September 8, 1903. Serial No. 172,275. (No model.)

*To all whom it may concern:*

Be it known that I, MARION F. DOUGHERTY, a citizen of the United States, residing at Independence, in the county of Montgomery and State of Kansas, have invented a new and useful Improvement in Combination Canes and Stools, of which the following is a specification.

This invention has for its object to provide an automatic folding stool which can more easily and on shorter notice be converted into and used as a cane at the convenience of the owner.

My invention consists in the manner of construction and the combination of the parts which I shall point out and claim more particularly in the claim.

Figure 1 represents a side view of my device folded for use as a walking-cane, giving a sectional view of the handle portion, showing the canvas within designed for the seat. Fig. 2 represents a side elevation of my device unfolded for use as a stool, with the handle portion removed and the canvas being slipped over the ends of the arms forming the seat.

Similar characters refer to similar parts throughout both views.

A in the drawings represents the handle of the cane, which is hollow, with a section taken away, showing the canvas for the seat within.

D represents a connecting-casting having a larger portion at the top, being threaded so as to engage the handle A by means of male and female threads. The lower portion of D has threads designed to engage the threads of the projecting portion 4 at the top of the center rod R.

The casting or ring K is loose on the rod R, and it also has the three lugs designed to have the end of each of the three spreaders pivoted thereto, the other end of each of the spreaders being pivoted down at the lower portion of one of the three legs s. The rod R has a rigid cap or boss I on the lower end of it, so that the ring K cannot fall off of the rod R.

The middle casting O slides perpendicularly on the rod R. It also has attached a pivoted pawl designed to engage to lug H on the rod R when the stool is in use. The tops of each of the three legs s are pivoted one to each of

the lugs on the casting O by means of the pins or rivets v. The casting e is rigidly secured at the top of the center rod R by means of a shoulder and the threads 4 on a smaller portion of the rod, which extends through far enough to engage the threads in the connecting-casting D. The ring M is pivotally inserted in the lower end of one of the legs s. This ring is designed to slip over the ends of the other two legs and secure them by means of engaging the notches a a at the end of the legs, so as to hold the device rigid when it is desired to be used as a cane.

One end of each of the arms g is pivoted to a lug on the rigidly-secured casting e. About midway from the ends of these arms g are pivoted connecting-links X, the other end of which links are also pivoted a little ways down the side of the legs s to the legs s. When this device is closed or used as a cane, the arms g lie parallel and close against the center rod R, with the unpivoted end just above the middle ring O. The legs s and the spreaders Y also lie close together and parallel to the center rod R, extending somewhat beyond the lower end of the center rod. When it is desired to use this device as a stool, the handle A is removed by means of disengaging the threaded portion from the connecting-casting D. The middle casting O is raised until the pivoted pawl P engages the lug H on the center rod R. Thus actuated by the legs s the connecting-links X reverse the arms g, so that they extend upward and out at an angle of about forty-five degrees. The canvas is drawn from the end of the handle A and slipped over the upper ends of the arms g.

I am aware that prior to my invention canes have been made with hollow handles, and combination canes and stools have been made with independent rods, a loose ring, and a detachable seat. I do not, therefore, claim such a combination broadly.

What I do claim as my invention, and desire to secure by Letters Patent, is—

In a combination cane and stool, the combination of a central rod provided with a shoulder and threaded end, the other end of said rod provided with a boss, the arms, the journal ends of which arms are pivoted to the



rigid casting at the top of said central rod,  
the legs pivoted to the middle casting, the  
pivoted pawl on said casting, the lug on the  
central rod, the connecting-links pivoted one  
5 end to an arm the other end pivoted to the  
side of a leg, the spreaders pivoted one end  
to a leg and the other to the lug on the loose  
ring on the central rod, the pivoted ring for  
engaging the lower end of the legs and secur-  
10 ing them in conjunction with the notches in  
the other two legs, the connecting-casting

which secures the detachable hollow handle  
to the top of the central rod, all substantially  
as set forth.

In testimony whereof I have signed my name 15  
to this specification in the presence of two sub-  
scribing witnesses.

M. F. DOUGHERTY.

Witnesses:

M. E. STEWART,  
L. L. HUMPHREY.