No. 713,114. Patented Nov. 11, 1902.

E. LA FORCE.

CANE AND SEAT.

(Application filed Mar. 10, 1902.)

(No Model.)

Fig. 1.

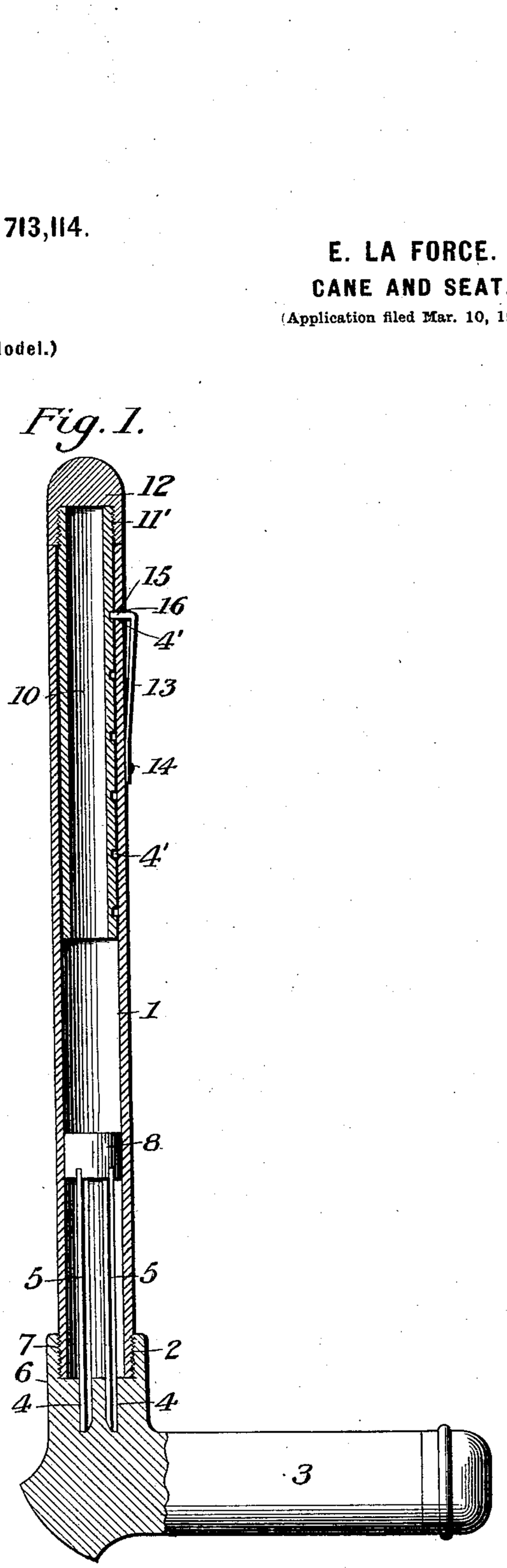
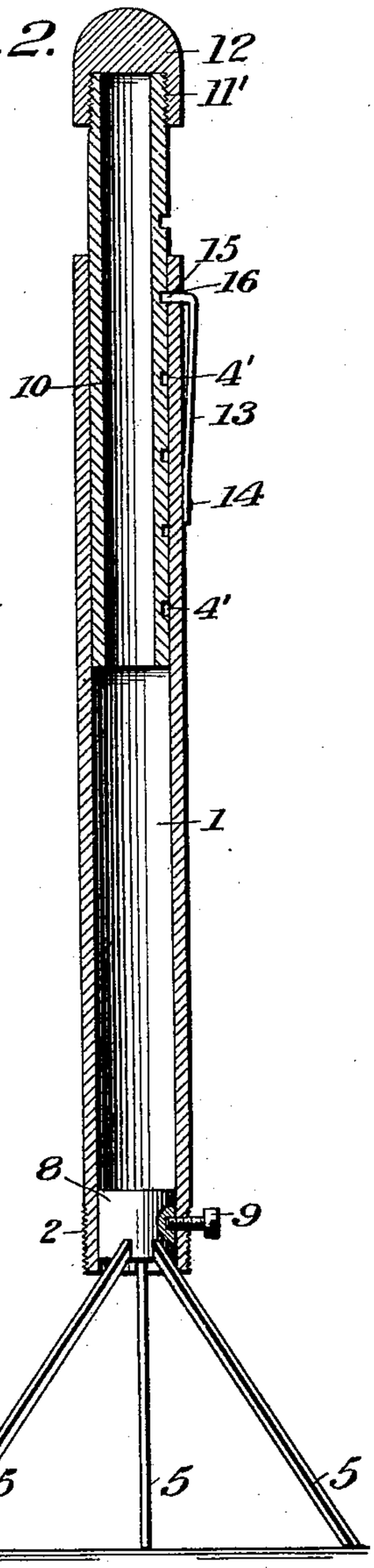


Fig. 2.



Witnesses:
John Olson
Annie Nelson.

Inventor:
Eugene La Force

UNITED STATES PATENT OFFICE.

EUGENE LA FORCE, OF TWO HARBORS, MINNESOTA.

CANE AND SEAT.

SPECIFICATION forming part of Letters Patent No. 713,114, dated November 11, 1902.

Application filed March 10, 1902. Serial No. 97,442. (No model.)

To all whom it may concern:

Be it known that I, EUGENE LA FORCE, a citizen of the United States, residing at Two Harbors, in the county of Lake and State of Minnesota, have invented certain new and useful Improvements in Canes and Seats; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to that class of devices which combine in the one device a cane and a seat or stand; and the present invention has for its objects, among others, to provide a simple and cheap construction of this character whereby the device may be used for either a cane or an umbrella, as may be deemed best, and a stand for music or a camera, and so constructed that the parts may be quickly and easily collapsed and received within the hollow handle which serves both for the cane or umbrella stick and the standard or support when used for a seat or a music or camera stand.

Other objects and advantages of the invention will hereinafter appear, and the novel features thereof will be specifically defined by the appended claims.

The invention is clearly illustrated in the accompanying drawings, which, with the numerals of reference marked thereon, form a part of this specification, and in which—

Figure 1 is a sectional view with the parts in their closed position. Fig. 2 is a view showing the parts distended and the legs thrown out ready for use as a music or camera stand.

Like numerals of reference indicate like parts in the different views.

Referring to the drawings, 1 designates a hollow tube of any suitable material and of a length dependent upon the use to which the device is to be put. It is screw-threaded exteriorly upon one end, as seen at 2, and upon this end of the tube is detachably secured a handle 3, which may be that of a cane. The portion of this handle which lies in line with the tube is provided with a plurality of sockets or grooves 4, into each of which is received the end of one of the folding legs 5. The handle is provided with an annular flange or portion 6, which is interiorly screw-threaded, as at 7, and when this is screwed on the end of the tube it closes the joint between the tube and handle portion, as seen in Fig. 1.

8 is a block fitted to slide quite snugly within the lower end of the tube 1, and to the lower end thereof are pivotally attached the legs 5, the pivotal connection being such that the legs will readily fold and as readily unfold when the tubular block is pushed out, as seen in Fig. 2. This block is prevented from passing entirely out of the end of the tube by a set-screw 9, which is tapped through the lower portion of the tube and into the said block, and this set-screw serves to hold the block firmly in its outermost position, so as to give stability to the device when used as a seat or stool or a stand for music or a camera. The other end of the tube is open, and mounted to slide freely within the same is the short tube 10, which may be of any required length, and this short tube is provided with a plurality of notches or depressions 4′, as seen in both Figs. 1 and 2, and the outer end of the said short tube is exteriorly screw-threaded, as seen at 11′, and upon this end is designed to be detachably or removably secured a cap 12.

13 is a spring-arm secured at one end, as at 14, to the outer wall of the tube 1 and its free end bent at right angles to its length to form the portion 15, which is designed to pass through a hole 16 in the outer tube 1 and to engage in either one of the notches or depressions 4′ in the inner tube, as seen in Fig. 2, when the inner tube is distended.

Normally the parts are in the position in which they are seen in Fig. 1, the cap being on the end of the inner tube and resting on the end of the outer tube and the parts so held by the spring, the right-angled end of which passing through the hole in the outer tube engages in the outermost depression or notch in the inner tube. When it is desired to use the device as a seat or stool or stand, the spring is pulled out, so as to disengage its bent end from the notch or depression in the inner tube, when the latter may be moved out the required distance and then the spring allowed to press its right-angled end into the proper notch or depression in the inner tube, when the same will be firmly held in its dis-

tended position. The block is then pushed down, after the handle has been removed, and secured in its proper position by the set-screw, as seen in Fig. 2, the legs inclining, as shown, so as to give a firm support.

The legs 5 are extended into the grooves or sockets 4 when the parts are in their closed position, as seen in Fig. 1, and into which grooves they snugly fit, so as to hold the legs and block 8 against movement when the device is used as a cane.

What is claimed as new is—

1. A combined cane and stand comprising an outer tube, a tube slidingly mounted therein and having notches, a block with pivoted legs mounted to slide within the outer tube, means on the outer tube for engaging the inner tube to hold the same in adjustable positions, and a handle having sockets into which said legs are designed to engage to hold the legs and blocks against movement within the tube, substantially as described.

2. The herein-described combined cane and stand comprising a tube screw-threaded at one end, a handle disposed at right angles to said tube and having a portion in line with and screw-threaded to receive said tube and provided with sockets, a block movable within said tube and having legs pivoted thereto to engage frictionally in said sockets, a tube movable within said tube and having a detachable cap, and means on the outer tube adapted to engage the inner tube to hold said tubes in their adjustable positions.

In testimony whereof I affix my signature in presence of two witnesses.

EUGENE LA FORCE.

Witnesses:

JOHN OLSON,

MARTIN RICE.