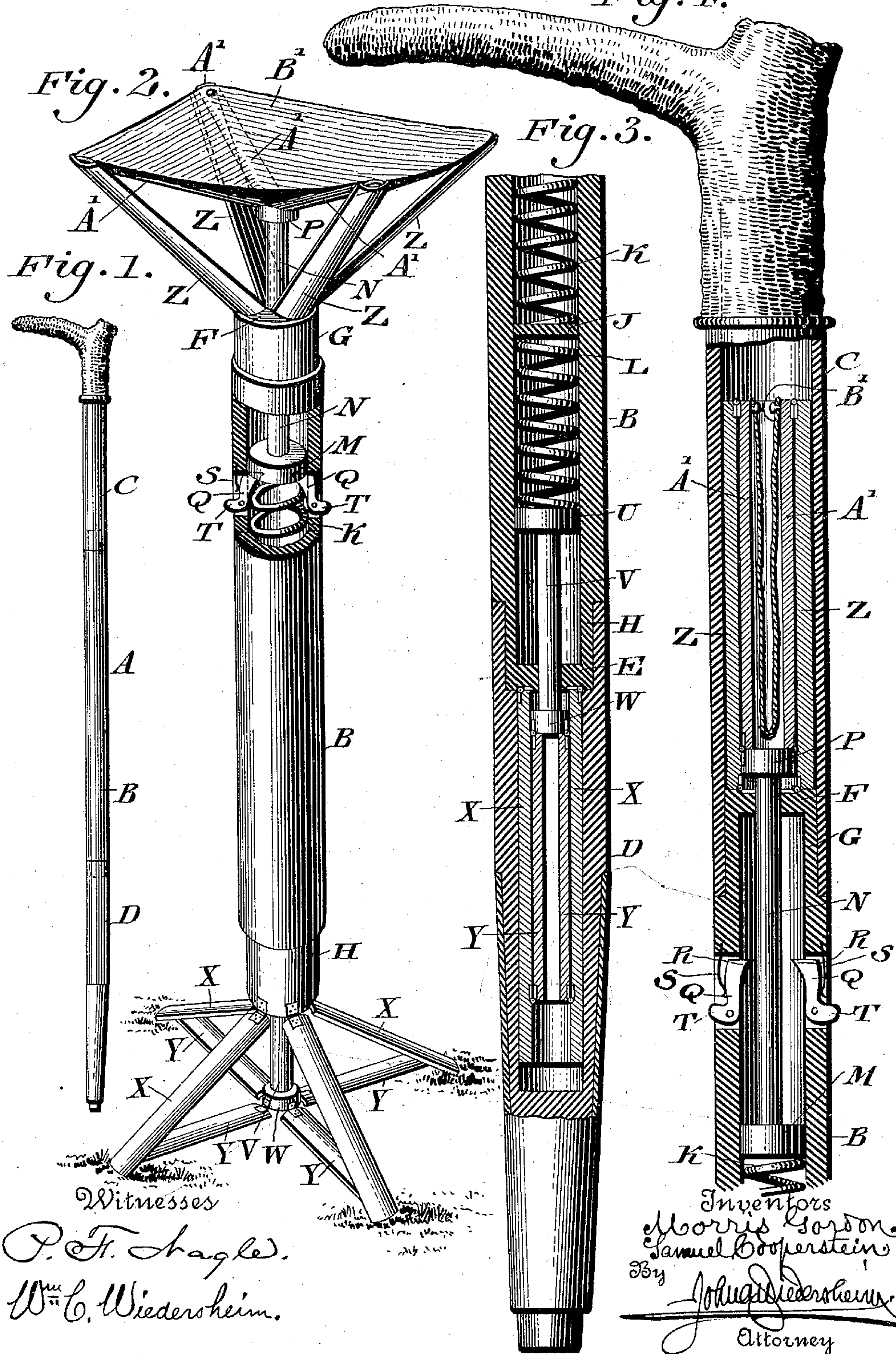


(No Model.)

M. GORDON & S. COOPERSTEIN.
COMBINED STOOL AND CANE.

No. 542,609.

Patented July 9, 1895.



UNITED STATES PATENT OFFICE.

MORRIS GORDON AND SAMUEL COOPERSTEIN, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNORS OF ONE-THIRD TO HARRIS GORDON, OF SAME PLACE.

COMBINED STOOL AND CANE.

SPECIFICATION forming part of Letters Patent No. 542,609, dated July 9, 1895.

Application filed March 27, 1895. Serial No. 543,308. (No model.)

To all whom it may concern:

Be it known that we, MORRIS GORDON and SAMUEL COOPERSTEIN, subjects of the Czar of Russia, residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Improvement in a Combined Stool and Cane, which improvement is fully set forth in the following specification and accompanying drawings.

Our invention relates to improvements in a combined stool and cane; and it consists of a novel construction of a sectional cane and parts of a stool which are attached to one section of said cane and adapted to be inclosed in the other sections, and also adapted when the stool is required for use to form the seat and legs thereof, said section constituting the standard of the stool.

Figure 1 represents a side elevation of a cane embodying our invention, the sections comprising the same being in assembled position. Fig. 2 represents, on an enlarged scale, a perspective view, partly in section, of the cane transformed into a camp-stool, the end portions thereof being removed. Fig. 3 represents, on an enlarged scale, a sectional view of the lower portion of the cane. Fig. 4 represents a sectional view of the upper portion of the cane.

Similar letters of reference indicate corresponding parts in the several figures.

Referring to the drawings, A designates a cane, the same comprising the hollow central and end sections B, C, and D, the end sections C and D being secured to the handle and ferrule, respectively. The central section B has at its ends the partitions E and F, said ends being reduced, forming tenons G and H, which enter the ends of the adjacent sections C D, thus connecting said sections B C D.

J designates a partition within the central section B, against which contacts one end of each of the springs K and L, which are inclosed in said section B. The upper end of the spring K contacts with the head M of the stem N, which passes freely through the partition F and has the head P at its other extremity.

Q Q designate dogs which are pivoted in slots in the upper portion of the section B,

the noses R thereof being held within the bore of the said section B by means of the springs S S, the dogs Q being readily removed outwardly on the application of pressure to the finger or thumb pieces T of the same.

The lower end of the spring L contacts with the head U of the stem V, the latter passing freely through the partition E and having on its lower end the head W.

X designates legs—in the present instance four in number—which have their upper extremities hinged to a suitable portion of the lower end of the section B.

Y designates braces which are hinged at opposite ends to a suitable portion of the head W and the aforesaid legs X.

Z designates arms—in the present instance four in number—whose lower ends are hinged to a suitable portion of the upper end of the section B, and A' designates braces which have their lower extremities hinged to the head P, while their upper ends are hinged to the upper end of the arms Z. (See Fig. 4.)

B' designates a suitable seat of canvas or other material attached to the ends of the braces A'.

The operation is as follows: The sections in their assembled positions are seen in Fig. 1, and the device is ready for use as a cane. To convert the same into a stool the end sections C and D are removed. The spring K will force the head M and the arms Z and braces A' upwardly, when said head will be engaged by and supported on the dogs Q, whereby the seat will be prevented from lowering. The spring L forces the stem V downwardly, and the legs X will be then unfolded and spread apart, as shown in Fig. 2, it being seen that the stool will be supported on the ground or floor, and the seat B' may be readily occupied.

To convert the stool into a cane, the dogs Q are moved outwardly by pressure upon the pieces T. The arms Z and braces A' are brought together with the seat and then covered by the section C and controlled by the same. The legs X and braces Y are also closed or folded and the section D placed over the same, (see Fig. 3,) the several parts assuming the position seen in Figs. 1, 3, and 4.

It is obvious that the number of feet may be increased or diminished, as well as the number of seat-supporting arms, and that other changes may be made which will come within the scope of our invention, and we do not desire to be restricted to the exact constructions shown herein and described.

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

1. A combined stool and cane consisting of hollow detachable sections, the central one having a partition therein and carrying stems with springs bearing against said partition, folding seat and feet hinged to said stems respectively and inclosed in the other sections, said parts being combined substantially as described.

2. A cane composed of a hollow central section and end sections, spring-actuated stems located in the upper and lower portions of said central section, and seat supporting devices and feet suitably attached to the ends of said central section and to said opposite stems

respectively, the above parts being combined substantially as described. 25

3. A cane composed of a hollow central section having a partition therein, and detachable end sections, stems in said central section passing freely through the ends thereof, springs bearing against one end of said stems, seat supporting arms secured to one of said stems and feet suitably secured to the other stem, said parts being combined substantially as described. 30

4. A cane composed of hollow central and end sections, said central section having a partition and springs adjacent thereto, the spring-pressed dogs Q, the stems N and V, the seat-supporting devices Z and A' and the legs X and braces Y hinged together, the above parts being combined substantially as described. 35

MORRIS GORDON.

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Witnesses:

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