

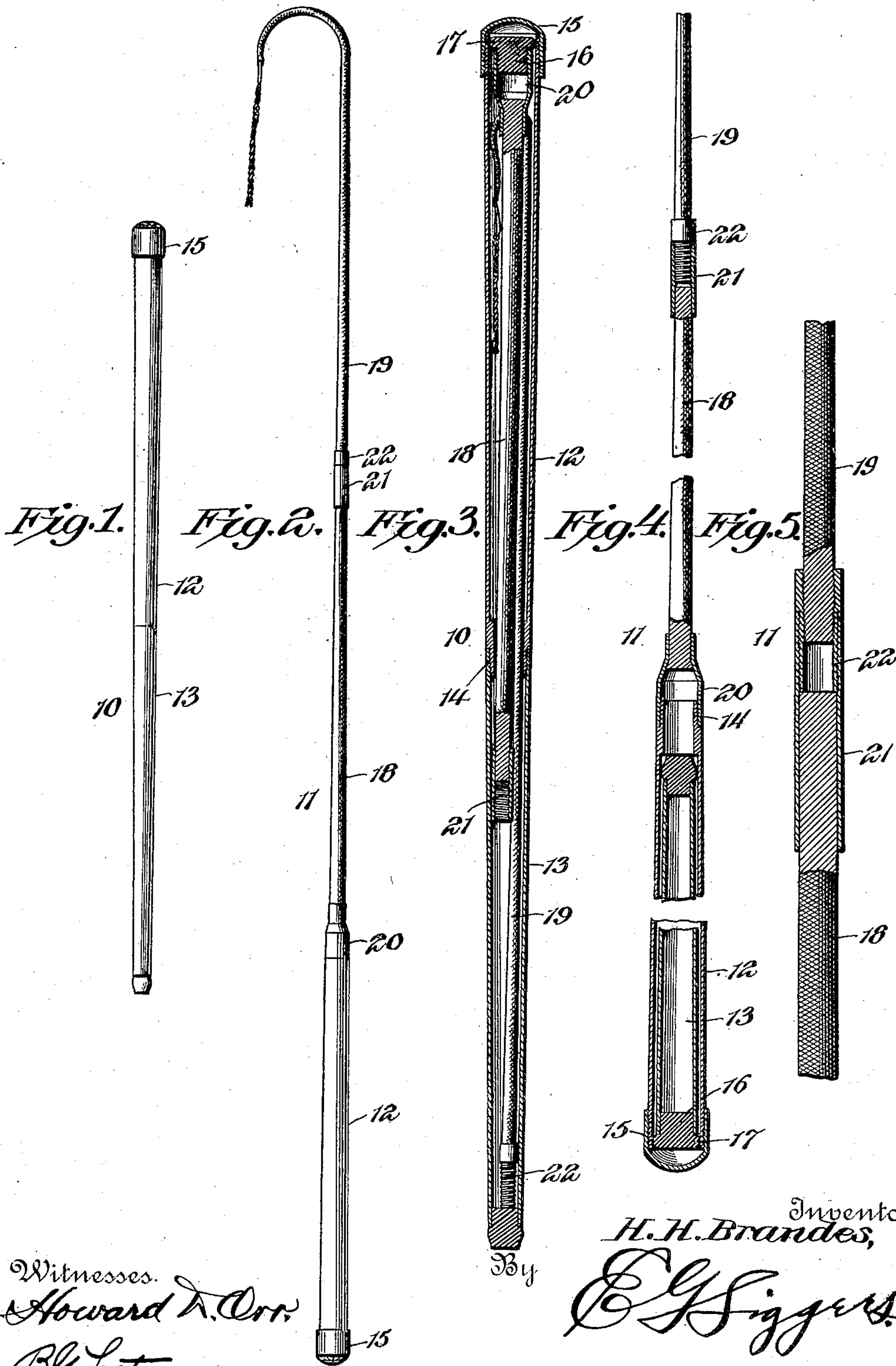
No. 741,219.

PATENTED OCT. 13, 1903.

H. H. BRANDES,
COMBINED CANE AND WHIP.

APPLICATION FILED FEB. 5, 1903.

NO MODEL.



Witnesses.
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UNITED STATES PATENT OFFICE.

HERMAN H. BRANDES, OF CORYDON, KENTUCKY.

COMBINED CANE AND WHIP.

SPECIFICATION forming part of Letters Patent No. 741,219, dated October 13, 1903.

Application filed February 5, 1903. Serial No. 142,050. (No model.)

To all whom it may concern:

Be it known that I, HERMAN H. BRANDES, a citizen of the United States, residing at Corydon, in the county of Henderson and State of Kentucky, have invented a new and useful Combined Cane and Whip, of which the following is a specification.

The present invention relates more particularly to articles made up of sections which can be secured together or housed one within the other, so that the parts may be made either into a cane or whip, as desired.

One of the objects of the invention is to provide a structure having parts which can be compactly arranged or secured together and when in the former relation will not rattle or have independent movements.

It is also the object to provide a structure in which the whip can be made flexible for a comparatively great part of its length and in which the tip can be readily replaced by a new one should it become worn, injured, or broken.

The preferred form of construction is described in the following specification and illustrated in the accompanying drawings, wherein—

Figure 1 is a side elevation of the device when in the form of a cane. Fig. 2 is a similar view when constructed to constitute a whip. Fig. 3 is a longitudinal sectional view, on an enlarged scale, through the cane. Fig. 4 is a similar view through the whip, parts unnecessary to an understanding of the invention being broken away; and Fig. 5 is a detail sectional view through the coupling of the tip and stock sections.

Similar reference-numerals indicate corresponding parts in all the figures of the drawings.

As before stated, the device can be formed into either of two members—a cane 10 or a whip 11. The cane consists of two tapering tubular sections 12 and 13, detachably secured together by means of a screw-threaded joint 14. The upper or handle section 12 is provided with a removable cap 15, which may be of any form desired. The lower section is so constructed that it may be placed within the socket or bore of the upper section and held therein by the cap 15, as will be seen by reference to Fig. 4. When the parts are thus

related, a buffer-plug 16 is placed in the enlarged end of the section 13, which constitutes a seat for that purpose, said plug having an outstanding flange 17, which is compressed within the bore of the section 12, so that the parts will have no relative movement, and therefore cannot rattle. The handle-section 12 also constitutes a handle-section for the whip, the remainder of said whip comprising a stock-section 18 and a tip-section 19, which are preferably constructed of flexible material. The stock-section 18 is provided at its larger end with an internally-threaded ferrule or sleeve 20, in which the smaller end of the handle-section 12 may be screwed, as shown in Fig. 4. The smaller end of said stock-section is also provided with a sleeve 21, suitably fastened thereto and having a threaded bore to receive the coupling 22, that is fastened to the other end of the tip-section 19. This coupling 22, as shown particularly in Fig. 5, is in the form of a sleeve internally and externally threaded in opposite directions, the external threads being arranged to engage the internal threads of the sleeve 21, while the tip is fastened to said sleeve by being screwed into the same.

When the structure is employed as a cane, the whip-sections 18 and 19 are disassociated and the sections 12 and 13 of said cane are fastened together. The tip-section is then placed within the cane and is long enough to extend through both sections of said cane, as shown in Fig. 3. The stock-section 18 is then placed within the cane with its larger end at the upper end thereof. The buffer-plug may be employed with this stock-section, and when inserted in the larger end thereof it will serve to hold the same against movement, so that no rattling thereof can occur. When the device is to be used as a whip, the sections 18 and 19 thereof are secured together, the section 13 of the cane is unfastened from the section 12 and placed within the same, and the whip-sections are then secured to the handle-section 12. It will be evident that these parts can be readily and cheaply manufactured and are compactly foldable when not in use. Both the cane and the whip are made of sections, and this is an important feature, for the reason that the handle-section of the whip can be comparatively short,

and consequently the flexible portion made up of two sections can be comparatively long. The specific construction of coupling employed between the stock-section and the tip-section 19 of the whip is also advantageous, for should the tip become broken, worn, or injured it may be easily removed by unscrewing it and replaced by a new one, which can be threaded into the ferrule 22.

10 From the foregoing it is thought that the construction, operation, and many advantages of the herein-described invention will be apparent to those skilled in the art without further description, and it will be understood that various changes in the size, shape, 15 proportion, and minor details of construction may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention.

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

1. A cane comprising tubular sections detachably secured together, one of said sections being constructed to contain the other 25 section when detached, in combination with a whip made up of other detachable flexible sections constructed to be housed within the cane or placed together and attached to the 30 containing-section of said cane.

2. A cane comprising tubular tapering sections detachably connected, the lower section being constructed to fit within the upper section when detached, in combination with a 35 plurality of detachable and flexible whip-sections which when detached can be placed side by side within the cane or can be secured together and attached to the upper section of the cane.

40 3. A cane and whip, each composed of a plurality of sections, one of said sections being common to both the cane and whip, the portion of the whip exclusive of said common section being constructed to fit within the 45 cane, and the portion of the cane exclusive

of said common section in like manner being constructed to be inclosed by a portion of the whip accordingly as either is constructed for use.

4. A cane and whip, each composed of a 50 plurality of sections, the handle-section being common to both and substantially inflexible, the remainder of the whip being flexible and arranged to fit within the cane, and the remainder of the cane in like manner being 55 arranged to be inclosed by the whip accordingly as either is constructed for use.

5. A cane comprising tubular sections detachably fitted together, one of the sections being constructed to contain the other, in combination with flexible whip-sections constructed to be placed within and extend 60 through the sections of the cane, said whip-sections being also constructed to be secured one to the other and to the said containing-section of the cane. 65

6. A combination article of the character described including a socketed member, a section arranged in the socket and of less diameter than the same, said section having 70 a seat in its end, and a compressible buffer-plug fitted in the seat and having an outstanding flange that bears against the walls of the socket.

7. In a sectional structure of the class described, the combination with a whip-section having a sleeve at one end provided with an internal screw-thread, of a coupling-ferrule threaded externally and internally in opposite directions and being arranged to screw 80 into the sleeve, and a tip-section carrying said ferrule and screwed into the same.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

HERMAN H. BRANDES.

Witnesses:

CHAS. I. BUCKMAN,
B. M. POWELL.