(No Model.)

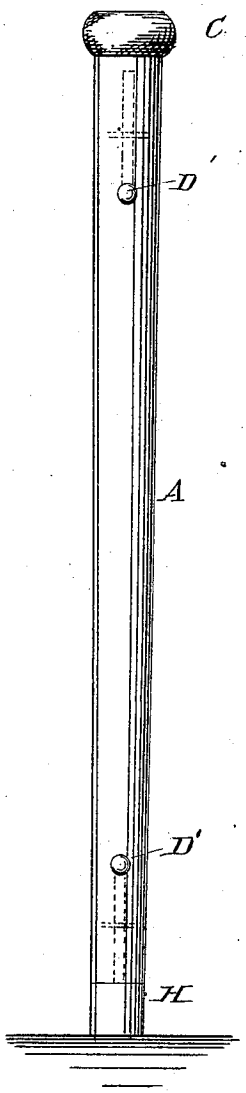
T. R. LAWHEAD.

COMBINED WHIP AND CANE.

No. 266,166. Patented Oct. 17, 1882.

Fig: 3.

Fig: 1.



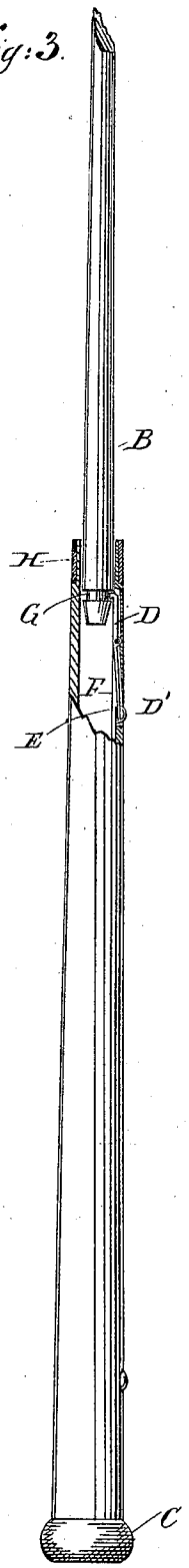
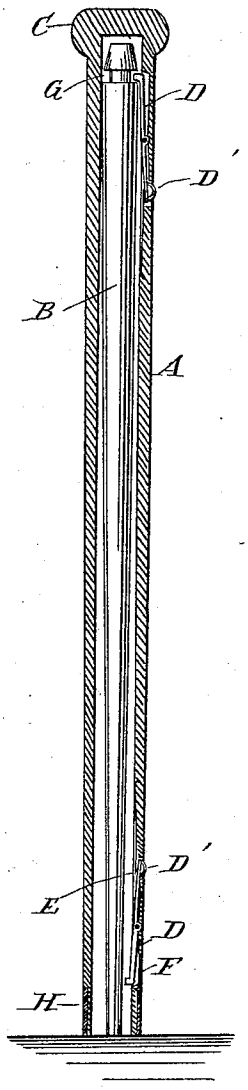


Fig: 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

THOMAS R. LAWHEAD, OF PAOLA, KANSAS.

COMBINED WHIP AND CANE.

SPECIFICATION forming part of Letters Patent No. 266,166, dated October 17, 1882.

Application filed July 22, 1882. (No model.)

To all whom it may concern:

Be it known that I, THOMAS R. LAWHEAD, of Paola, in the county of Miami and State of Kansas, have invented a new and Improved Combined Whip and Cane, of which the following is a full, clear, and exact description.

The object of my invention is to provide a new and improved combined whip and cane which is so constructed that the whip can easily be pushed into the cane, which forms a casing for it when the whip is not in use.

The invention consists in a hollow cane containing a whip part provided at its base end with an annular groove, into which a hook-catch at the ends of the cane can pass, thereby holding the whip part within the cane or projecting from the thinner end of the cane, as may be desired.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a longitudinal elevation of my improved whip and cane. Fig. 2 is a longitudinal sectional elevation of the same, showing the whip part within the cane. Fig. 3 is a longitudinal elevation of the same, the whip part being withdrawn from the cane and parts being shown in longitudinal section.

The cane A is made hollow throughout its length to adapt it to receive the whip part B, to the upper end of which the lash of the whip is to be attached. The handle end of the cane A is closed by any suitable head or knob, C, and through the opposite end, which is open, the whip part B is passed into this hollow cane. At each end of the cane A a latch, D, provided with a hook end, is pivoted in such a manner that the hook end will be nearest the ends of the cane, and will pass through the thickness of the same into the inner recess or cavity of the cane. At the opposite ends the latches D are provided with small heads D′, and these heads are pressed outward by springs E, attached to the inner surface of the cane. The latches D are contained within longitudinal grooves F in the inner surface of the cane, and only the heads D′ are visible on the outside of the cane. The whip part B is provided with an annular groove, G, at the thicker or base end. The thinner or lower end of the cane A is provided with a ferrule, H. When the whip part B is within the cane A it is held by the latch D at the thicker or head end of the cane, the bent hook or prong of which latch passes into the groove G, and thus holds the whip in the cane. If the whip part is to be withdrawn, the head D′ of the latch at the head of the cane is pressed inward to raise the prong of this latch out of the groove G. When the base end of the whip arrives at the thinner end of the cane the latch D at this thinner end of the cane snaps into the groove G, and thus holds the whip part in place, as shown in Fig. 3. The whip can thus be carried very conveniently, and is not apt to be stolen, as it need not be left in the vehicle. The whip part can be of the usual construction, and is not apt to warp, and need not be hung up to keep it straight and to prevent warping.

If desired, the construction of the whip can be reversed, and a spring can be attached to the butt-end of the whip, this spring to catch in recesses or apertures in the outer casing of the whip.

I am aware that it is not broadly new to apply a whip to the inside of a hollow cane, so that it will be concealed when not wanted for use, or readily drawn out when desired; but

What I do claim as new and of my invention is—

1. The combination, with the hollow cane and a whip, having groove G, of the hook-ended latch D, having a head, D′, caused to protrude through a hole in the cane, as shown and described.

2. The combination, with the tubular cane A, of the whip part B, having an annular groove, G, in its base end, and of the latches D at the opposite ends of the same, substantially as herein shown and described, and for the purpose set forth.

3. The combination, with the tubular cane A, of the whip part B, having an annular groove, G, at its base end, and the latches D, pivoted at the ends of the cane in recesses in the inner surface, substantially as herein shown and described, and for the purpose set forth.

4. The combination, with the tubular cane A, of the whip part B, having an annular groove, G, at its base, and the latches D, provided with heads D′, and pivoted in recesses in the inner surface of the cane, substantially as herein shown and described, and for the purpose set forth.

THOMAS R. LAWHEAD.

Witnesses:

NORVAL H. WILLIAMS,

VET WYGAL.