

(No Model.)

F. FOLEY.
WHIP.

No. 472,869.

Patented Apr. 12, 1892.

Fig. 1.

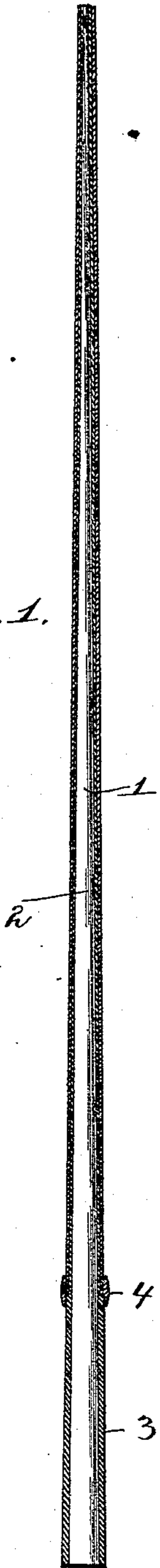


Fig. 2.

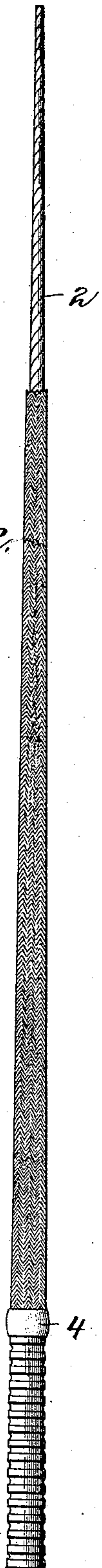
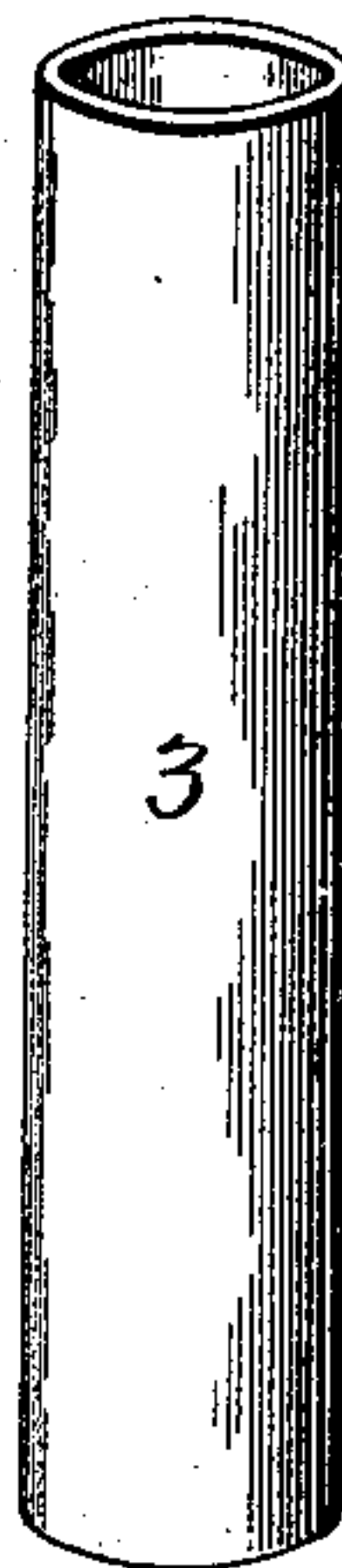


Fig. 3.



WITNESSES:

J. L. Ourand
H. L. Crook

INVENTOR:

Frank Foley,
by James Daggert & Co
Attorneys.

UNITED STATES PATENT OFFICE.

FRANK FOLEY, OF WESTFIELD, MASSACHUSETTS, ASSIGNOR OF ONE-HALF
TO PATRICK H. KERWIN, OF SAME PLACE.

WHIP.

SPECIFICATION forming part of Letters Patent No. 472,869, dated April 12, 1892.

Application filed October 13, 1891. Serial No. 408,595. (No model.)

To all whom it may concern:

Be it known that I, FRANK FOLEY, a citizen of the United States, and a resident of Westfield, in the county of Hampden and State of Massachusetts, have invented certain new and useful Improvements in Whips and Analogous Articles; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

My invention relates to improvements in the construction of whip-handles, canes, umbrella-handles, whip-sockets, and analogous articles.

In the manufacture of high-grade whips as heretofore generally produced the upper end or top of the core, which consists of a tapering rod or stick of any suitable material, is wound with linen, cotton, rubber, eel-skin, or other suitable material, forming a lining therefor, over which a covering of cotton, silk, or other strands is braided by machinery. The butt of the handle is generally provided with a covering of leather or other material, the joint between it and the plaited portion being concealed by a ring or button of metal, paper, &c.

The object of my invention is to improve upon the prior constructions of such articles; and it consists, essentially, in a whip-handle the upper end of the core of which is wound with the tanned throat-pipe of a calf or other animal, with a covering of plaited strands of cotton, silk, or other similar materials, and a butt-covering of the seamless tanned wind-pipe or alimentary tube or throat-pipe of an animal, as hereinafter more fully described and claimed.

In the accompanying drawings, Figure 1 is a longitudinal sectional view of a whip-handle made in accordance with my invention. Fig. 2 is a side elevation of the same, the braided covering at the upper end thereof being removed to show the lining. Fig. 3 is a view of the butt-covering detached.

In the said drawings the reference-numeral 1 designates the core of a whip-handle, which

may be made of wood, rattan, or other material, as usual. The numeral 2 denotes the lining at the top thereof, which consists of a strip of the tanned throat-pipe of a calf or other animal spirally wound thereon. Over this lining strands of cotton, silk, or gut are braided by machinery in a manner well known to those skilled in the art. At its butt-end the core is formed with a series of parallel peripheral grooves and is provided with a covering 3, consisting of the seamless tanned wind-pipe or alimentary tube of an animal, which is stretched on while in a wet or moist condition, and when dry will firmly shrink upon and adhere thereto. This butt-covering extends up the core a short distance, and the joint between it and the braided covering is concealed by a ring or button 4, consisting of a short length of the seamless tanned wind-pipe or throat-pipe of the animal. This butt-tube is preferably corrugated, as seen in Fig. 2, whereby a firm hold can be obtained.

The tanning of the wind-pipe and the alimentary tube may be effected in any known manner and may be dyed or colored, if desired.

In addition to whip-handles the invention is applicable to umbrella-handles, whip-sockets, and other similar articles.

Having thus described my invention, what I claim is—

As an improved article, a whip-stock consisting of a core wound at its upper end with the tanned throat-pipe of an animal, a braided covering, the butt formed with a series of parallel peripheral grooves, the butt-covering consisting of the seamless tanned wind-pipe or alimentary tube of an animal stretched upon the butt and held thereon by frictional contact, a series of grooves corresponding with those of the butt being formed thereon, and the seamless button, substantially as described.

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

FRANK FOLEY.

Witnesses:

JEROME JAMES FOLEY,
RICHARD JOHN MORRISSEY.