

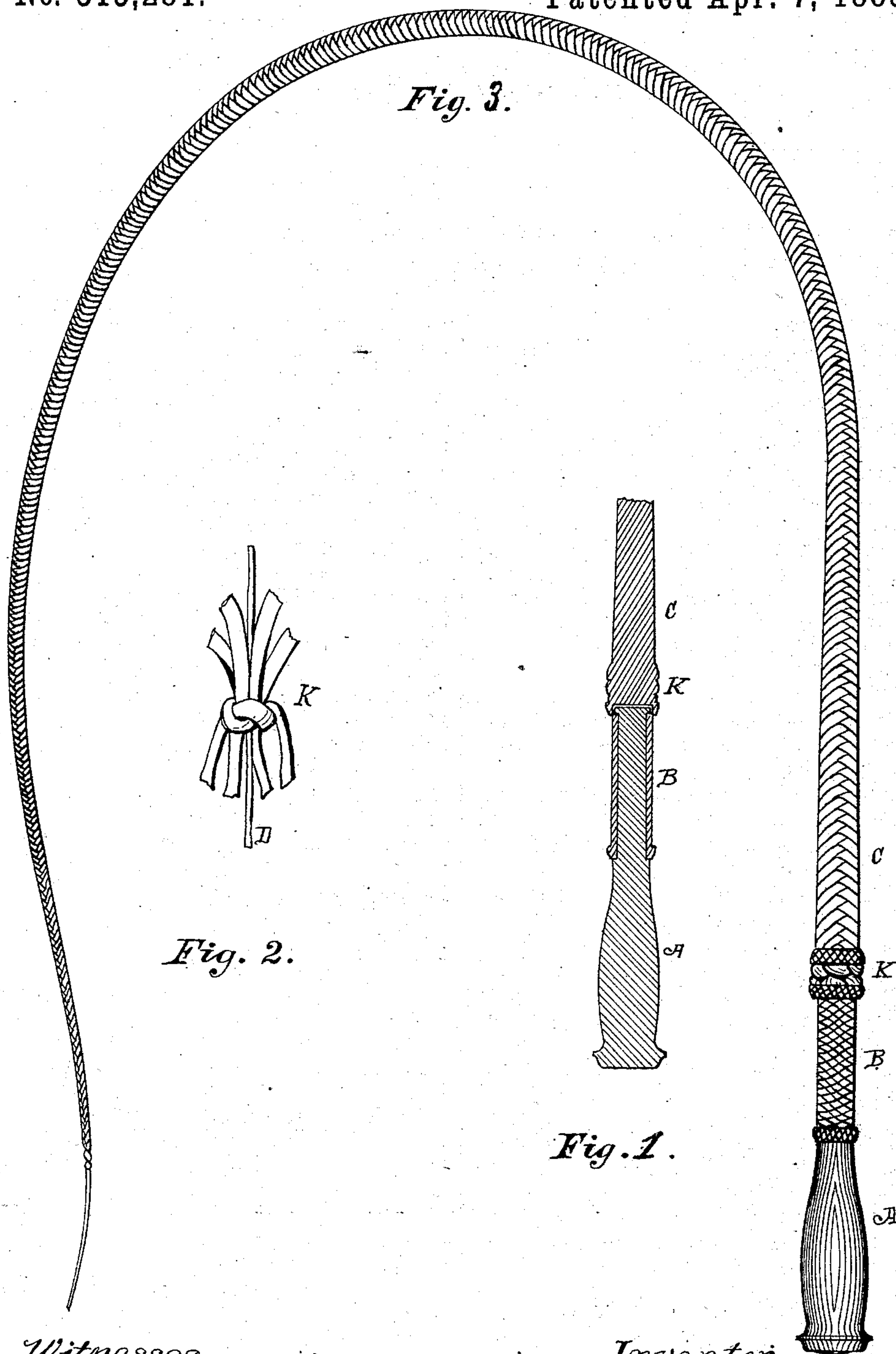
(No Model.)

M. J. HEAPHY.

WHIP.

No. 315,281.

Patented Apr. 7, 1885.



Witnesses.
Marrio H. Justice
Walter M. Carter.

Inventor.
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UNITED STATES PATENT OFFICE.

MICHAEL J. HEAPHY, OF LINCOLN, NEBRASKA.

WHIP.

SPECIFICATION forming part of Letters Patent No. 315,281, dated April 7, 1885.

Application filed January 8, 1885. (No model.)

To all whom it may concern:

Be it known that I, MICHAEL J. HEAPHY, a citizen of the United States, residing in Lincoln, in the county of Lancaster and State of Nebraska, have invented certain new and useful Improvements in Whips; 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 pertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

My invention relates, principally, to an improved method of attaching a lash to a whip-stock, and is applicable to all that class of whips having a flexible lash and a short handle or whip-stock, such as drovers' whips, team-whips, quirts, or riding-whips.

Heretofore the part which soonest gave way in such whips was at the end of the stock, where the strands of the lash would break over the end of the stock.

In my invention I have entirely overcome this difficulty by substituting a connection between the whip-stock and the lash, which, while sufficiently rigid to prevent the drooping of the lash, will yield in any direction without causing any undue strain upon any particular strand.

Figure 1 is a sectional view showing the stock and its connection with the lash. Fig. 2 is a representation of a kind of knot which makes the connecting-link between the stock and lash. Fig. 3 shows the whip as completed.

In making my whip I first take four strands, more or less, of leather or rawhide, and make in them a knot, as shown at K, Fig. 2, and known as a "Turk's head knot." I then place the end of the stock A under the knot K, and between the strands forming the same, and upon these strands I plait the ferrule B in

such manner as to securely hold them in place. The lash C is then plaited upon the upper ends of the thongs forming the knot K, beginning just above the knot, the thongs being used as a center for the lash. Thus it is apparent that the only connection between the lash C and the stock A is through the thongs that form the knot K, while only that portion of the thongs that goes to make up the knot K is left exposed to view or is subjected to any wear. The ferrule B, being only used to secure the strands or thongs forming the knot K to the stock, may be made of different material from that used in the lash, as of various-colored leathers, thus making an ornamental finish and enhancing the value of the whip. If it is desired to have the handle turn or swivel, this can be done by securing the thongs that form the knot K to the ferrule B and making the ferrule somewhat loose upon the handle or stock.

This latter device of a swivel-stock for a whip I am aware is not new, the same result having been accomplished in other ways.

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

1. A whip in which the connection between the lash C and stock A is made by means of separate thongs of leather formed into a knot, K, substantially as and for the purpose set forth.

2. The combination of the stock A, ornamental ferrule B, connecting-knot K, and lash C, when used in the manner and for the purpose specified.

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

MICHAEL J. HEAPHY.

Witnesses:

A. ROBERTS,
EDSON RICH.