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WILLIAM H. MILLIKIN.

Whips.

No. 121,954.

Patented Dec. 19, 1871.

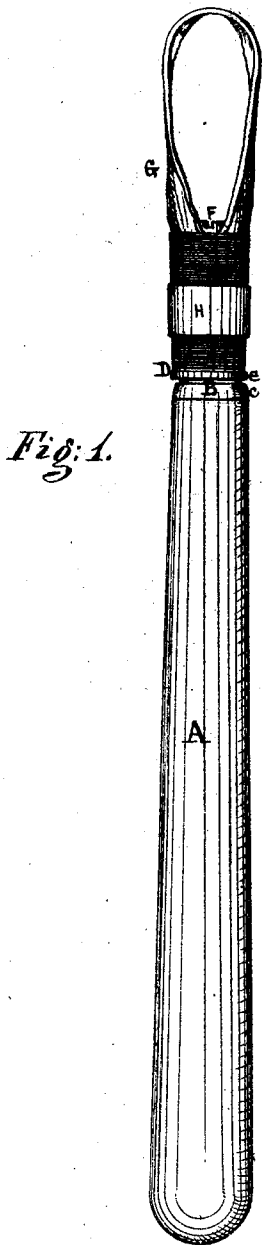


Fig: 1.

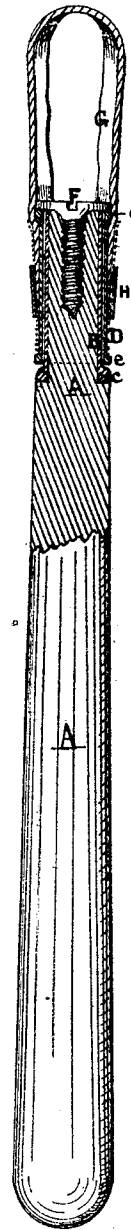


Fig: 2

Witnesses.

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UNITED STATES PATENT OFFICE.

WILLIAM H. MILLIKIN, OF BALTIMORE, MARYLAND.

IMPROVEMENT IN WHIP-STOCKS.

Specification forming part of Letters Patent No. 121,954, dated December 19, 1871.

To all whom it may concern:

Be it known that I, WILLIAM H. MILLIKIN, of the city and county of Baltimore and State of Maryland, have invented an Improvement in Whip-Stocks, of which the following is a specification:

My invention relates to the construction of an improved metallic swivel for the end of a whip-stock, and to its combination therewith and with a loop to which the whip-lash may be attached.

In the accompanying drawing, Figure 1 is an elevation of a whip-stock fitted with my improved swivel end, and Fig. 2 a sectional view thereof.

A is the stock, which may be of any approved style or pattern; B, a cylindrical metallic ferrule securely fastened upon the end of the stock, and formed by preference with a narrow flange or bead, *c*, about its lower end. D is a metallic sleeve or collar, made to fit loosely over the ferrule B so as to revolve freely thereon and form a swivel. This sleeve or swivel D is made of a length about equal to that of the ferrule above its bead *c*, and is itself, by preference, provided with a small bead or flange, *e e*, at either end thereof. The body thereof is scored or threaded exteriorly so as to present a better surface to hold the loop when applied thereto. F is a screw, provided with a head of a diameter equal or nearly equal to that of the sleeve D, and which is made to screw centrally into the end of the stock A, as illustrated in Fig. 2 of the drawing. The head

of the screw projecting over the upper end of the swivel D serves to prevent the latter from slipping off of the ferrule B without preventing a free movement thereof upon said ferrule. G is a loop of leather or other suitable material whose ends are laid upon the grooved or threaded surface of the swivel D and securely fastened thereto by a wrapping of thread or cord in the ordinary manner. H is an interiorly-threaded ring or band, which is screwed down upon the swivel D over the ends of the loop and the wrapping, by which they are secured so as to protect the latter from abrasion and cutting wear.

Instead of using a wide-headed screw to hold the swivel D upon the ferrule on which it revolves the swivel may be prevented from slipping off by means of a disk or a cap, to be secured upon the end of the stock by means of an ordinary screw.

I claim as my invention—

The revolving sleeve or collar D, carrying a loop, G, and turning upon a ferrule, B, in combination with an end screw or cap, F, substantially as and for the purpose herein set forth.

In testimony whereof I have hereunto set my hand this 20th day of September, 1871.

WM. H. MILLIKIN.

Witnesses:

DAVID A. BURR,
EWELL A. DICK.

(72)