

C. R. Shelton,

Whip,

No 85,032,

Patented Dec. 15, 1868.

Fig. 1.

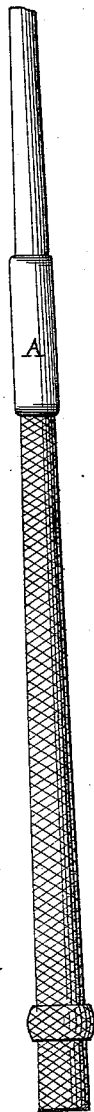


Fig. 2.



Fig. 3.



Fig. 4.



Figs.



Witnesses

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# United States Patent Office.

CLARK R. SHELTON, OF NEW HAVEN, CONNECTICUT.

Letters Patent No. 85,032, dated December 15, 1868.

## IMPROVEMENT IN REPAIRING WHIPS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, CLARK R. SHELTON, of New Haven, in the county of New Haven, and State of Connecticut, have invented a new Improvement in Repairing Whips; and I do hereby declare the following, when taken in connection with the accompanying drawings, and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, a view of a portion of a whip, the two parts secured together by my improvement, and in

Figures 2, 3, 4, and 5, detached views, to fully illustrate my invention.

This invention relates to an improvement in whips for which Letters Patent were granted to me, bearing date February 11, 1868. In the employment of that invention, I find that on a braided whip the braid is sometimes liable to work off with the tube, and thus, to a certain extent, defeat the object of that invention, a difficulty which this invention is designed to overcome, which consists in cutting away the covering at the end of the stock or tip, or the two portions which are to be secured together, down to the solid material, and placing thereon a ferrule, which will rest against the shoulder formed by cutting away, as aforesaid, the said ferrule being of such thickness as will permit it to

enter the tube, and allow the screwing of the tube on to the covering of the whip.

In order that others may fully understand my invention, I will describe the same as illustrated in the accompanying drawings.

At the broken place in the whip, as denoted in fig. 2, I cut away the covering for a short distance, so as to form a shoulder, as at *a*, fig. 3; then, on to the end I place a ferrule, *d*, and secure it thereto, hard down against the covering, in any convenient manner. This forms a protection for the end, and prevents the covering from slipping up on the stock. I do this to both parts, if both are covered. Then I place thereon the tube *A*, securing it on to both ends, as seen in figs. 1 and 5, and as fully described in my former patent, whereby the invention is made most perfect and complete.

Having fully described my invention,

What I claim as new and useful, and desire to secure by Letters Patent, is—

Preparing the ends of whips to be joined by the tube *A*, by securing thereon the ferrule *d*, substantially in the manner herein set forth.

CLARK R. SHELTON.

Witnesses:

A. J. TIBBITS,  
JOHN H. SHUMWAY.