

H. W. AVERY.

Improvement in Whip Stocks.

No. 119,296.

Patented Sep. 26, 1871.

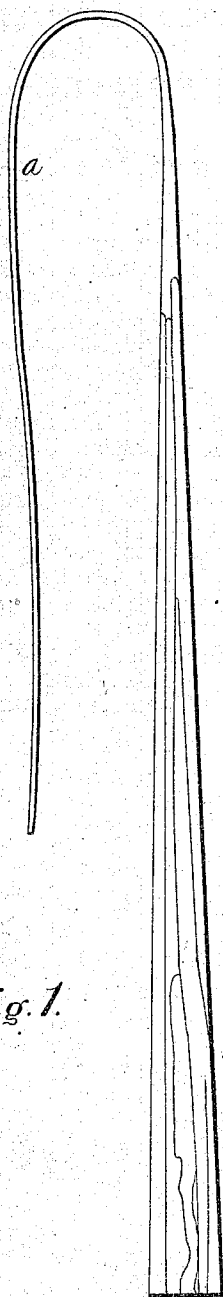


Fig. 1.

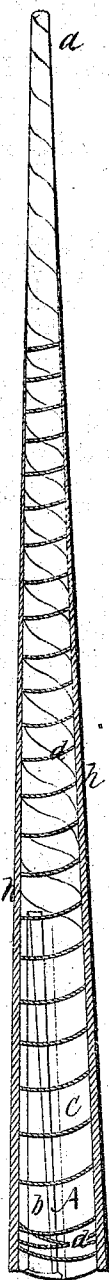


Fig. 2.

Fig. 3.



Witnesses.

Villette Anderson
E. H. Bates

Inventor.

H. W. Avery,
Chipman & Hamer & Co.
Attys.

UNITED STATES PATENT OFFICE.

HORACE W. AVERY, OF WESTFIELD, MASSACHUSETTS.

IMPROVEMENT IN WHIP-STOCKS.

Specification forming part of Letters Patent No. 119,296, dated September 26, 1871.

To all whom it may concern:

Be it known that I, HORACE W. AVERY, of Westfield, in the county of Hampden and State of Massachusetts, have invented a new and useful Improvement in the use of certain materials combined, and in the manner of their combination, for forming a Whip-Stock.

This invention has relation to the manufacture of whips; and it consists in the method of construction adopted to form the stock, whereby strength, flexibility, and compactness are secured in a properly-balanced form, as hereinafter described.

In the accompanying drawing, A represents the core of the whip-stock. This is constructed by twisting rawhide in the usual manner to form the upper or flexible portion, as at *a*. Toward the handle or rigid portion of the stock wedges of iron or steel *b*, and of rattan *c*, are bound up

with the end of the rawhide strip by means of the cord *d*, which is tightly wound around the core from the point *e*, where the bend begins, to the base of the butt. The whole core is then saturated in glue and covered with the leather strips *h*, which form the exterior surface of the stock.

What I claim as my invention, and desire to secure by Letters Patent, is—

The herein-described whip-stock, having its upper or flexible portion *a* of twisted rawhide and its lower or rigid portion of the rawhide, and wedges of iron *b* and rattan *c*, the whole being bound with cord *d*, saturated with glue, and covered with leather strips *h*, all constructed as specified.

Witnesses: HORACE W. AVERY.

ASA P. RAND,
GAMALIEL KING.

(46)