

D. Avery,

Whip,

No 79,299,

Patented June 30, 1868.

Fig. 1

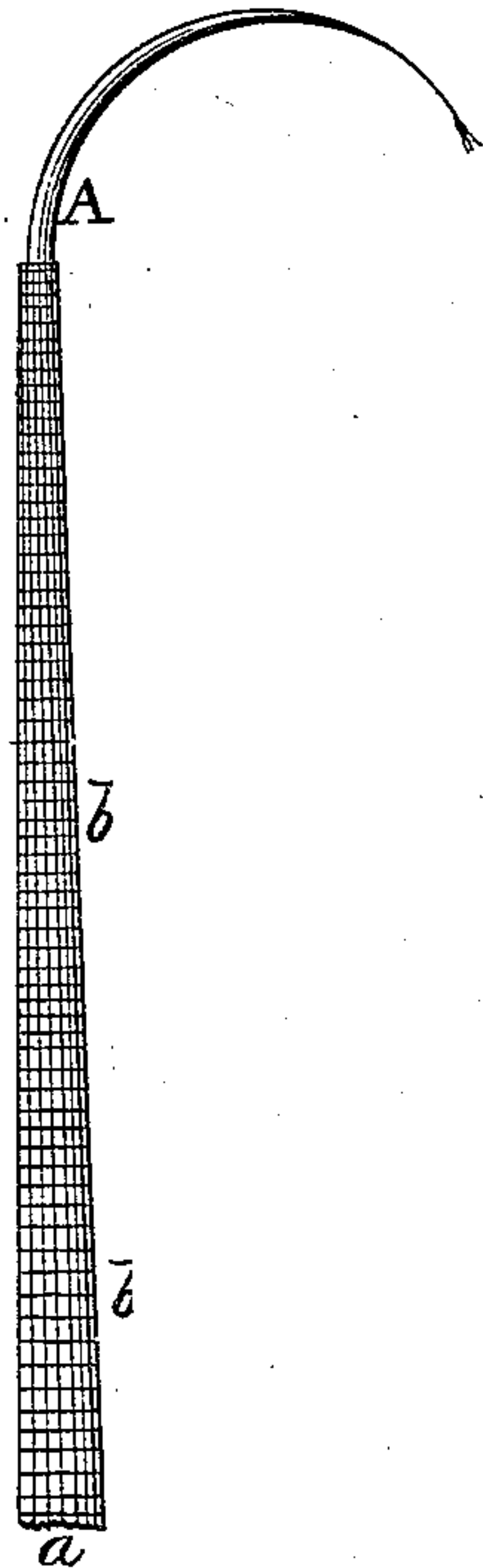
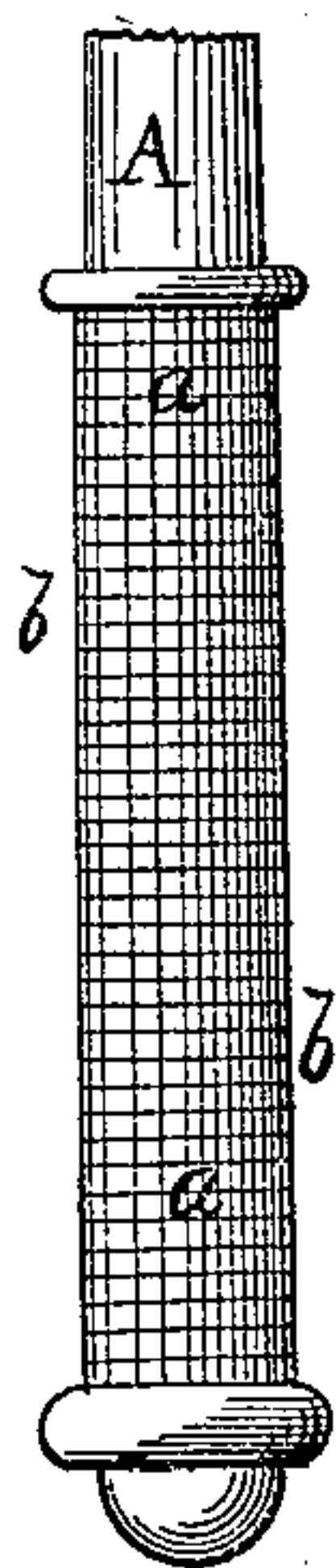


Fig. 2



Witnesses

W. C. Ashkettle

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United States Patent Office.

DEXTER AVERY, OF WESTFIELD, MASSACHUSETTS.

Letters Patent No. 79,299, dated June 30, 1868.

IMPROVEMENT IN 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, DEXTER AVERY, of Westfield, in the county of Hampden, and State of Massachusetts, have invented a new and useful Improvement in Whips; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which.

Figure 1 represents a side view of my improved whip.

Figure 2 is a transverse section of the same.

Similar letters of reference indicate corresponding parts.

This invention relates to a new whip, and consists in forming the outer covering of the same by threads, which are interwoven like regular fabric, instead of being braided as usual.

The whips heretofore made have been surrounded with braiding, which is formed by two sets of threads laid spirally, but in opposite directions around the core, so that they cross each other. Whips have also been formed by knitting.

My invention refers to a whip which is covered with threads, that are interwoven like regular fabric, warp and weft-threads being employed in a similar manner, as has already been done for covering cords.

A, in the drawing, represents a whip, partly or wholly covered with threads *a b*, of which the one forms the warp and the other the weft-threads of the fabric, as is indicated by respective red and blue lines in fig. 1.

The threads may be of suitable color and material.

I do not claim anything in the manufacture of the fabric, nor in the mode of applying the same to the whip; but

I do claim as new, and desire to secure by Letters Patent—

As a new article of manufacture, a whip having its covering woven with a weft and warp, as herein described for the purpose specified.

DEXTER AVERY.

Witnesses:

F. A. GROVER,

H. B. LEWIS.