

D. C. HULL.

Improvement in Mode of Constructing Whip-Stocks.

No. 132,909.

Patented Nov. 12, 1872.

Fig. 1.

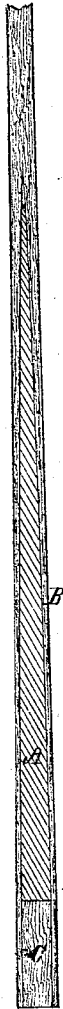


Fig. 2.



Fig. 3.



Witnesses.

S. N. Piper.

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UNITED STATES PATENT OFFICE.

DAVID C. HULL, OF WESTFIELD, MASSACHUSETTS.

IMPROVEMENT IN MODES OF CONSTRUCTING WHIP-STOCKS.

Specification forming part of Letters Patent No. 132,909, dated November 12, 1872.

To all whom it may concern:

Be it known that I, DAVID C. HULL, of Westfield, of the county of Hampden and State of Massachusetts, have invented a new and useful Improvement in Whip-Stocks or in the manufacture thereof; and I do hereby declare the same to be fully described in the following specification and represented in the accompanying drawing, of which—

Figure 1 denotes a longitudinal section of the split or forked wooden heart piece, the metallic wedge or load, and the wooden backing as arranged and applied in the formation of a whip-stock in accordance with my improvement; Fig. 2 is a butt-end view; and Fig. 3 is a side view of the stock as it is when taken from the turning-machine.

In the common way heretofore practiced for making a whip-stock of pieces of rattan and a metallic load the pieces of wood were arranged around the load-piece with their butts even or about so with each other, in consequence of which the part at the butt of the stock held or grasped by the chuck of the turning-machine could not be turned thereby, but had subsequently to be reduced by other means.

In carrying out my invention or improvement I employ, in connection with the load-piece and the wooden or rattan strips arranged about it, a backing of wood or other proper material capable of being easily sawed or cut across with the side strips about the load-piece.

In Fig. 1 of the drawing the metallic wedge or load piece is shown at A as arranged within the split or furcated heart piece B of rattan or whalebone, the wooden backing being rep-

resented at C as being a short prism or cylinder of wood arranged between the prongs of the heart piece and against the butt of the load piece, the whole being glued together. On the parts so combined the side strips D of rattan are to be all laid and cemented or glued, after which the whole is to be turned round and tapering to the dimensions required by a turning-machine. The portion held by the holder or chuck of the machine being shorter than the backing, can, with part of the backing, be sawed off, thereby saving the necessity of reducing the chucked portion in the ordinary way.

I am aware that in turning an article it has been customary to use a blank longer than the article and to afterward remove the surplus at either or each end of the article. Such, however, constitutes no part of my invention, but is only incident to it in the matter of reduction of it or the whip-stock. I therefore make no claim to such a process of turning an article from a blank longer than the article and subsequently removing the surplus at either or each end of the article.

I claim—

The method of constructing a whip-stock by making a stump shod on the end of the stock by the insertion of a backing or plug within the surrounding rattans for the purpose of allowing the butt of the whip to be entirely finished by turning and the superfluous material to be removed by the saw, all in the manner described.

DAVID C. HULL.

Witnesses:

A. L. BUSH,
NEWELL COWLES.