

M. MITCHELL.
METHOD OF MANUFACTURING SHUTTLE BLOCKS.
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987,392.

Patented Mar. 21, 1911.

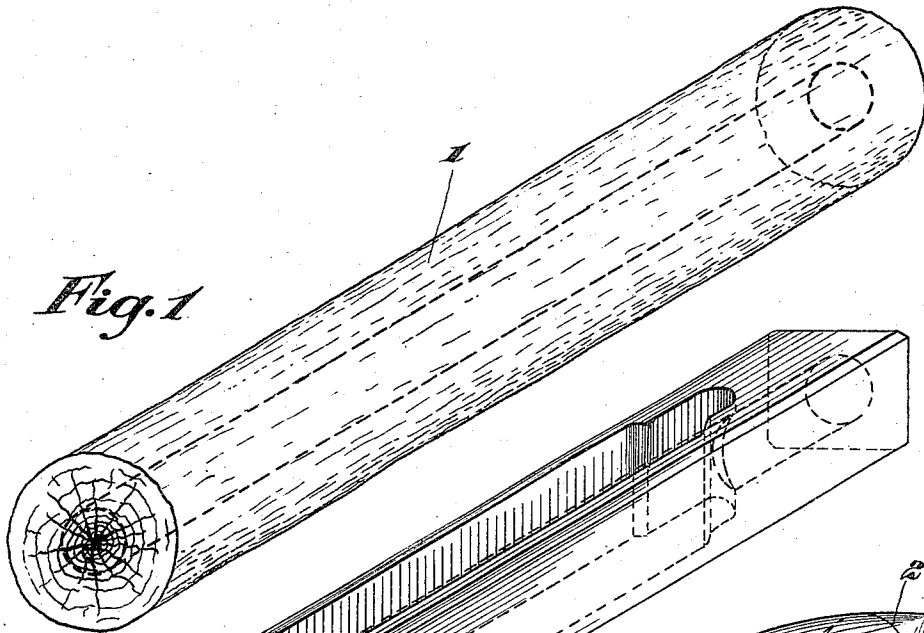


Fig. 1

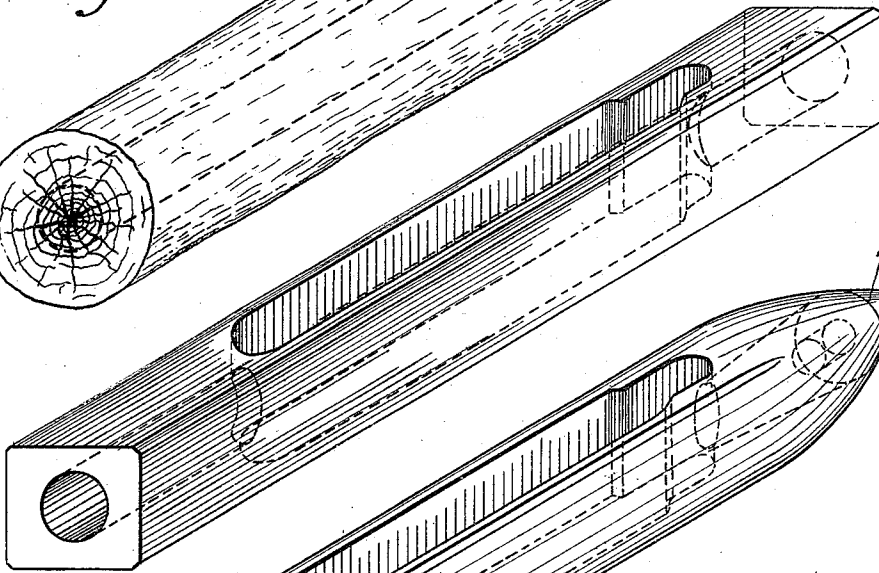


Fig. 2

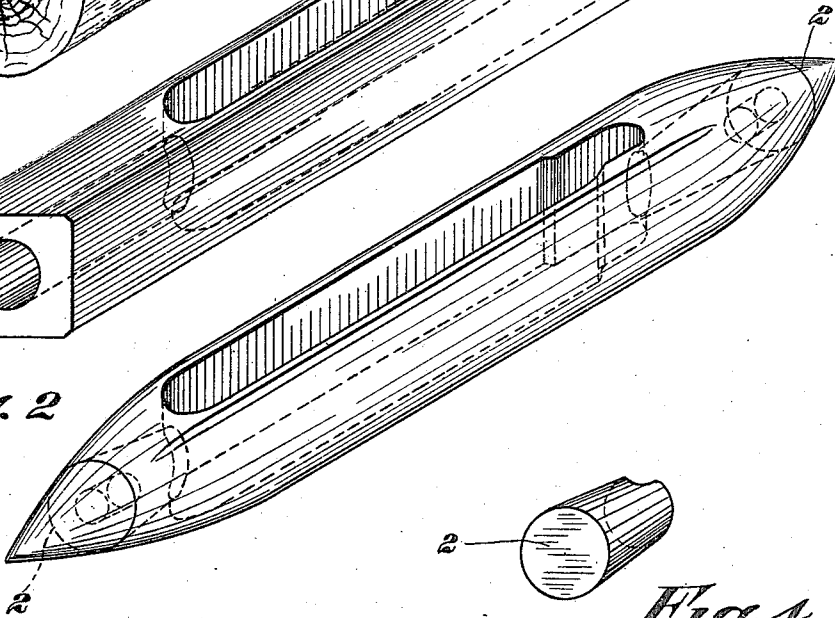


Fig. 3

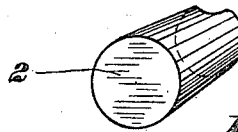


Fig. 4

Witnesses:

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METHOD OF MANUFACTURING SHUTTLE-BLOCKS.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, MOOREHOUSE MITCHELL, a subject of the King of England, residing at Lucknow, in the Province of Ontario, Canada, have invented certain new and useful Improvements in Methods of Manufacturing Shuttle-Blocks; and I do hereby declare that the following is a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The invention to be hereinafter described relates to shuttle blocks and more particularly to shuttle blocks of wood.

In order to more clearly disclose the construction, operation, and use of the invention, reference should be had to the accompanying drawings.

Throughout the several figures of the drawings like reference characters designate the same parts.

In the drawings: Figure 1 is a perspective view of the raw material; Fig. 2 is a similar view, partly finished; Fig. 3 is a similar view, finished; and Fig. 4 is a similar view of an end plug or tip.

The main object of the invention is to provide a well seasoned, solid, and characterless, wooden shuttle block.

Referring to the drawings in detail, 1 indicates the rod or small section of a limb or "top" from which the block is made. This block is bored longitudinally and centrally from end to end to remove the heart. It is then thoroughly dried or seasoned. By boring the block centrally, in this way, it may be subsequently dried and seasoned

without cracking. The longitudinal bore permits easy shrinkage and contraction without splitting. After seasoning, the block is shaped first to the form of Fig. 2 and then to that of Fig. 3, minus the end tips or points. The ends of the longitudinal bores are then reamed out to receive the tapered ends of the plugs or tips 2. These tips have their inner ends coated with glue or like adhesive to keep them in their seats when once placed. When seated they finish off the completed block, except for the usual metal end tips or points. These metal tips may be placed over the pointed ends of the plugs, or the plugs may be formed without pointed ends and the metal tips may be fastened to the sides of the tapered end of the body, in the usual way.

Having thus fully described my invention, what I claim as new and desire to secure by Letters Patent is:

1. A method of manufacturing shuttle blocks consisting in removing the heart from the raw block, then seasoning the block, and then shaping the same to the desired form.

2. A method of manufacturing shuttle blocks consisting in removing the heart from the raw block, then seasoning the block, then shaping the same to the desired form, and then plugging the ends.

In witness whereof I have hereunto set my hand in the presence of two witnesses.

MOOREHOUSE MITCHELL.

Witnesses:

D. J. McCHARLES,
H. G. BOGUES.