

G. W. LEE.
Wooden Brush for Scrubbing.

No. 200,736.

Patented Feb. 26, 1878.

Fig. 1.

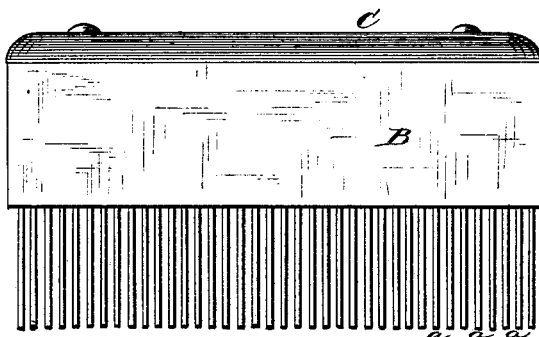
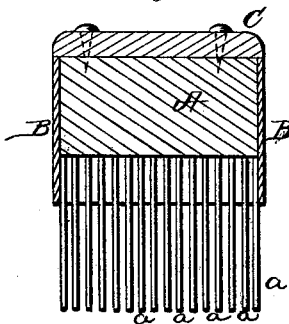


Fig. 2.



WITNESSES

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GEORGE W. LEE, OF RIDGEWOOD, NEW YORK.

IMPROVEMENT IN WOODEN BRUSHES FOR SCRUBBING.

Specification forming part of Letters Patent No. **200,736**, dated February 26, 1878; application filed December 18, 1877.

To all whom it may concern:

Be it known that I, GEO. W. LEE, of Ridgewood, in the county of Queens, and in the State of New York, have invented certain new and useful Improvements in Scrubbing-Brushes; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in the construction of scrubbing-brushes from solid blocks of wood, the peculiarities of which will be hereinafter set forth.

To enable those skilled in the art to make and use my invention, I will proceed to describe its construction and use.

In the accompanying drawings, making part of this specification, Figure 1 represents a side view of my brush, a portion of which is surrounded with a metal band; and Fig. 2 represents a cross-section.

In the figures, A represents a block of wood, which is sawed out, so as to have the length, the width, and depth of the brush which is required to be made. These blocks are cut off crosswise of the grain of the timber, but the teeth are formed lengthwise of the grain. The teeth are formed by cutting (by a suitable saw) numerous kerfs in the blocks, and then crossing them with other kerfs, so that a series of splints or teeth are formed, about the size of very small matches, or even smaller, if desirable. These teeth *a a*, of course, form a portion of the block A, and consequently cannot become loose when the brush is placed in water.

The teeth may be sawed one way and split or shaved the other, so that the grain of the wood may be followed.

In order to protect the block I sometimes surround it with a metal band, B, which projects down a portion of the way, and also assists in guarding and strengthening and protecting the teeth. A cap, C, made either of wood or metal, is secured upon the top of the block.

In this manner a durable and cheap brush is formed of wood, and one which cannot be affected either by cold or warm water, except to make its teeth more pliable.

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

1. A brush formed of a solid block of wood by sawing or otherwise removing, lengthwise of the grain, a portion of the wood in directions at right angles to each other across the face to form fibers or teeth, as and for the purpose set forth.

2. The wooden block A, having teeth *a a*, forming a part of it, and bound with the band B, and provided with a cap-piece, C, as and for the purpose specified.

In testimony that I claim the foregoing I have hereunto set my hand this 14th day of November, 1877.

GEORGE W. LEE.

Witnesses:

JAS. M. SEAMAN,
WILLET WHITMORE.