

*J. W. Moore,
Paint Brushes.*

N^o 76,230.

Patented Mar. 31. 1868.

Fig. 1.

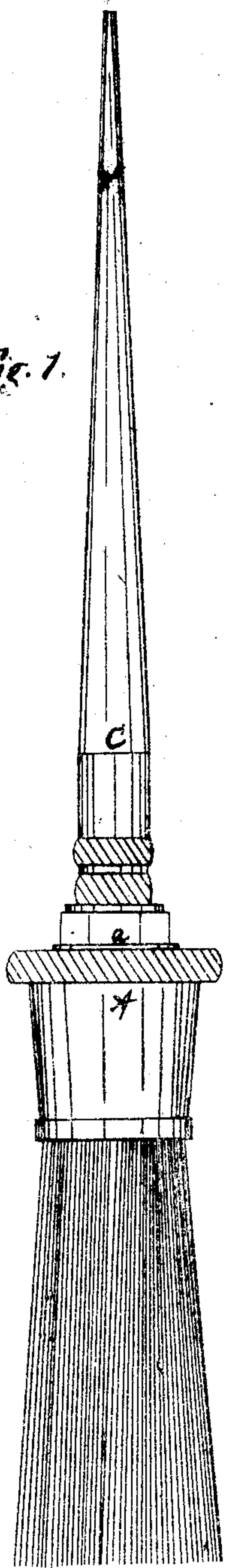
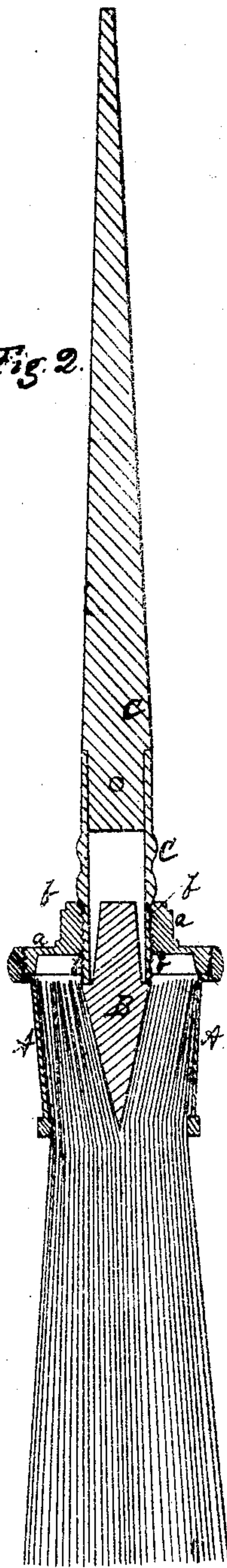


Fig. 2.



Witnesses.

*W. J. Cambridge.
L. E. Patchell.*

Inventor.

*Joseph W. Moore.
By his Attorneys,
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United States Patent Office.

JOSEPH W. MOORE, OF CAMBRIDGEPORT, MASSACHUSETTS.

Letters Patent No. 76,230, dated March 31, 1868.

IMPROVED PAINT-BRUSH.

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, JOSEPH W. MOORE, of Cambridgeport, in the county of Middlesex, and State of Massachusetts, have invented an Improvement in Brushes, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is an elevation of my improved brush.

Figure 2 is a central longitudinal section through the same.

This invention consists in a socket or holder, the upper portion of which is made removable, so as to allow the bristles to be inserted at the top, in combination with a wedge, held in place by the lower end of the handle, which is provided with a screw-thread, and passes through the removable top of the holder, by which arrangement the bristles are held firmly in place, and all liability is avoided of the brush falling to pieces in consequence of the shrinkage of the handle—an event of frequent occurrence with brushes as ordinarily constructed.

To enable others skilled in the art to understand and use my invention, I will proceed to describe the manner in which I have carried it out.

In the drawings, A is a metallic socket or holder, which is made of a tapering form, and is provided with a removable screw-top, *a*, so as to allow the bristles to be inserted at the upper end of the holder. B is a conical wedge, composed of wood, or other suitable material, which is driven in between the bristles at the centre, and forces them tightly against the inside of the socket A, which is provided at its lower end with a shoulder or projection, *3*, extending entirely around it, which assists in holding the bristles in place. The wedge B is elongated, and extends up above the top of the bristles into the hollow metallic end of the handle C, which is provided on the outside with a screw-thread, *b*, and works in the removable top *a*, its lower extremity resting, when in place, on a shoulder, *c*, formed on the wedge B, thus serving to hold it down firmly in place and prevent any liability of its being displaced. The upper portion, *4*, of the wedge affords a hold, so that it may be withdrawn in case (after the brush is worn out) it should be desired to remove the bristles and replace them with others, which could not easily be done if the wedge were cut off at the top of the bristles; and by thus constructing the brush, so that the bristles when worn out may be easily removed and replaced, a great saving may be effected, as the metallic holder and the lower portion of the handle possess great strength, and will last for a great length of time.

I am aware that brushes have been made with metallic sockets to screw together, as in the case of I. Cross, patented July 5, 1853, and which also have the tapering wedge for holding the bristles, but the mode of inserting my screw-top *a* has a material advantage, as it closes the seam tight, and thus prevents the possibility of paint entering it, while the seam in Cross's patent is open and exposed to the paint. I am also aware that metal sockets have been formed to receive the handle, but my improved mode of introducing the handle by means of a screw into the movable top *a*, has the great advantage of tightening the wedge by merely turning the handle of the brush.

Claim.

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

The removable screw-top *a*, and the handle C, with a screw-thread, *b*, in combination with wedge B, with its shoulder *c*, all constructed and operating substantially as and for the purpose described.

JOS. W. MOORE.

Witnesses:

P. E. TESCHEMACHER,
N. W. STEARNS.