

J. B. WOOD.
SASH BRUSH.

No. 68,022.

Patented Aug. 20, 1867.



Witnesses.

Theo Fuchs
J A Service

Inventor.

J B Wood
Per Munn
attyp

United States Patent Office.

JAMES B. WOOD, OF LANSINGBURG, NEW YORK.

Letters Patent No. 68,022, dated August 20, 1867

IMPROVED SASH-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, JAMES B. WOOD, of Lansingburg, Rensselaer county, New York, have invented a new and useful Improvement in Sash-Brushes; 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.

The present invention relates more particularly to French sash-brushes, although it can be applied to other brushes; and the invention consists in inserting the required quantity of bristles, properly prepared, into the large end of a taper metallic ferrule. The bristles, being larger at the butt than at the flag end, are drawn firmly into the ferrule sufficiently far to admit of a backing or cross-piece of metal, or other suitable material, being placed in the ferrule behind the knot of bristles, the same being held in its place by a metal handle, which is inserted and firmly soldered, riveted, or brazed to the ferrule, whereby a most durable, serviceable, and desirable brush is obtained.

In the accompanying plate of drawings my improved brush is illustrated, the figure being a central longitudinal section through a brush made according to the present invention.

A, in the drawing, represents the bristles composing the brush, which, after having been made into the proper bunch, the butt or large end is dipped in liquid shellac varnish, or other material, after which the opposite or small end (which, for convenient insertion, is wrapped with twine,) is placed in the large end of the taper metallic ferrule B, and is drawn firmly to its position shown. The shellac or varnish becoming hard fills the small spaces, and fastens each bristle in a very solid manner. A cross-piece or backing, C, of metal, or other suitable material, is then placed in the said ferrule B, behind the knot of bristles A. D the metal handle, which, in the direction of its length, may be made of two parts or sections, soldered or brazed together, or of one piece with only one joint. This handle D, by its end E, is inserted in the open end of the ferrule B containing the bunch of bristles A, and, being pressed firmly against the cross-piece or backing C, preventing the bristles A from being pressed back in the direction of the handle D.

From the above description of my improved brush it is manifest that it is simple, cheap, and for wear and use must be durable, efficient, and serviceable, the metal handle possessing a very great advantage over wood, when a metallic ferrule is employed, from the fact that it does not shrink and become loose, it being evident that when a brush cannot be guided by the hand it is perfectly useless.

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

The metallic packing C, in combination with the ferrule B, bristles A, tapering metallic handle D, with its open end E resting upon the back C in the ferrule B, as herein set forth for the purpose specified.

JAMES B. WOOD.

Witnesses:

J. DUDDEN,
EBENEZER WOOD.