

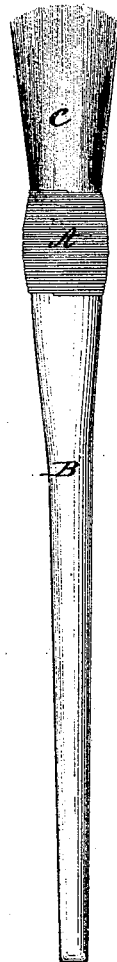
*J. Marchbank,*

*Paint Brush.*

*No. 106845.*

*Patented Aug. 30, 1870.*

*Fig 1*



*Fig 2*



Witnesses:

*Chas Jacobs*

*J. L. White*

Inventor:

*John Marchbank,*

*By*

*J. H. Alexander*

*Att'y.*

# United States Patent Office.

JOHN MARCHBANK, OF LANSINGBURG, NEW YORK.

*Letters Patent No. 106,845, dated August 30, 1870.*

## IMPROVEMENT IN THE CONSTRUCTION OF BRUSHES.

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, JOHN MARCHBANK, of Lansingburg, in the county of Rensselaer and State of New York, have invented certain new and useful Improvements in the Construction of Ferrules for Paint-Brushes, &c.; and I 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, which form a part of this specification.

My present invention is intended as an improvement upon the paint-brush patented by me November 20, 1866; and

It consists in the construction of a coiled wire-ferrule, made in the shape of a keg or barrel soldered or cemented together into one piece; and also in the manner of fastening the handle and bristles in said ferrule.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawings, in which—

Figure 1 is a side view of my brush, and

Figure 2 is a section of the ferrule, showing the manner in which the handle and bristles are inserted.

A represents the ferrule, made in keg or barrel-form, of coiled wire, any desired size, and then soldered or cemented together, so as to make, as it were, one piece.

The bristles C are inserted for a suitable distance into the ferrule, and liquid glue is poured in.

The end of the handle B, which is made in the form of a round wedge, as shown in fig. 2, is then driven into the other end of the ferrule, which spreads and wedges the inner ends of the bristles at the same time as it firmly secures the handle in place.

In my former patent, above referred to, the center of the ferrule was left open, which necessitated a resoldering after the handle and bristles had been inserted, which delay, expense, and inconvenience are entirely obviated in my present invention.

A ferrule formed in this manner may be used on a variety of brushes, and hence I do not confine myself in the use thereof to paint-brushes alone.

Having thus fully described my invention,

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

As a new article of manufacture, a coiled wire-ferrule, made in keg or barrel form, and soldered or cemented together in one piece, for the insertion of the bristles and handle, substantially as herein shown and described.

In testimony that I claim the foregoing as my own, I affix my signature in presence of two witnesses.

JOHN MARCHBANK.

Witnesses:

W. H. SOU,  
JAS. CROOK.