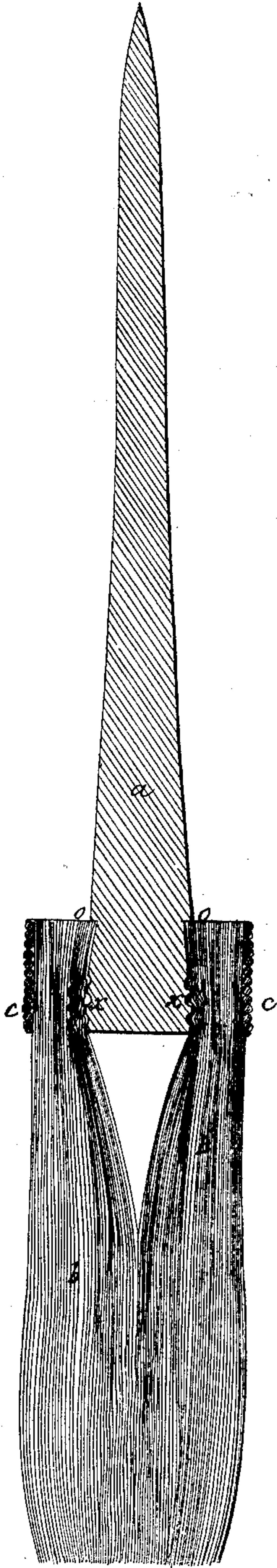


W. H. Miles, Jr.

Paint Brush.

No. 36,962.

Patented Nov. 18, 1862.



*Witnesses,
Geo. Harold
Chas. H. Smith*

*Inventor,
W. H. Miles, Jr.*

UNITED STATES PATENT OFFICE.

WILLIAM H. MILES, JR., OF BROOKLYN, NEW YORK.

IMPROVED PAINT-BRUSH.

Specification forming part of Letters Patent No. **36,962**, dated November 18, 1862.

To all whom it may concern:

Be it known that I, WILLIAM H. MILES, Jr., of Brooklyn, in the county of Kings and State of New York, have invented, made, and applied to use a certain new and useful Improvement in Paint-Brushes; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawing, wherein I have represented a longitudinal section of my improved brush.

Paint-brushes are usually made by driving a tapering handle through the center of the bristles after they have been tied into a bunch. In use this handle sometimes slips down into the brush, rendering the same useless.

The nature of my said invention consists in providing a shoulder in the handle of the brush, beneath which the bristles expand as the handle is driven into place, and effectually prevent the tapering end of the handle working loose and sliding back into the brush.

In the drawing, *a* is the handle, and *b* the bristles forming the brush. *c* is the binding, of string or other material. *o o* is a shoulder

turned in the handle on the line of the top end of the brush, so that the bristles expand beneath this shoulder as the handle is driven through, and thus the possibility of the handle sliding back is prevented. I also employ the grooves at *x x* around the end of the handle to aid in holding the bristles and handle firmly together, as said bristles will, under the compression to which they are subjected in driving in the handle, expand into said grooves.

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

The employment of a shoulder, *o*, in the handles of paint brushes to prevent the handle from slipping back into the brush after the same has been driven into the brush, as specified.

In witness whereof I have hereunto set my signature this 21st day of May, 1862.

WM. H. MILES, JR.

Witnesses:

THOS. GEO. HAROLD,
CHAS. H. SMITH.