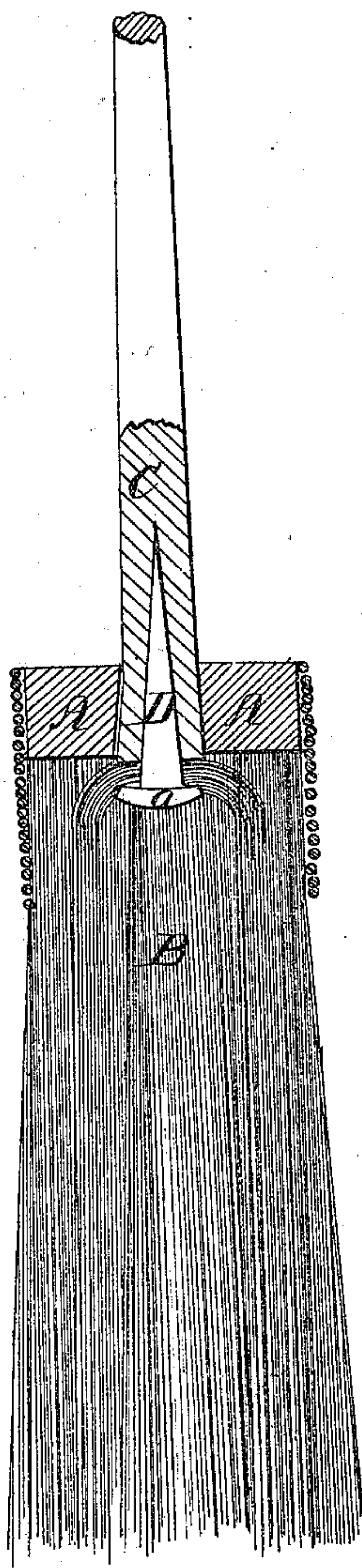


C. Boeckh.

Paint Brush.

N^o 94,940.

Patented Sep. 21, 1869.



Witnesses;
J. R. Drake
C. H. Woodward

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att'y

United States Patent Office.

CHARLES BOECKH, OF BUFFALO, NEW YORK.

Letters Patent No. 94,940, dated September 21, 1869.

IMPROVED 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, CHARLES BOECKH, of the city of Buffalo, county of Erie, and State of New York, have invented a certain new and useful Improvement in Brushes; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, making part of this specification, in which the figure represents a central vertical section of my improvement.

My invention consists in combining with the handle and head of a brush a headed metallic plug or cone, drawn in reversely from the bottom, and so arranged as to perform the double office of expanding the handle in its socket and holding the bristles in place, substantially as hereinafter described.

In the drawings—

A represents the head of the brush; B, the bristles; and C, the handle, the latter simply fitting in a socket formed in the head, as shown.

The bristles are inserted and wound or bound in the ordinary manner, but I employ, to retain them in place, an improved cement of my own compound, of equal parts of strong glue, shellac varnish, rosin, and white or red lead, well boiled together.

Reversely, in the inside of the brush-head, and into the end of the handle, is driven a metallic plug or cone, D, having a broad head, *a*, as clearly shown. This plug or cone, on entering the handle, expands it firmly in its socket, so as to keep it in place, and the head *a*, in being driven up, enters the bristles, not as expanding them so as to pack together in the binding, but also catching the ends resting above and clamping

them firmly to the brush-head in a direction at right angles to the expanding action.

Ordinary plugs, entering from the top and projecting down into the body of the bristles, have been long known, the object being simply to hold the bristles in place by a downward expansive action, the socket or case for the ends of the bristles in that case being generally made also of conical form, to assist the action of the wedge.

Such is not the equivalent of my invention. My plug is entered in a reverse position, and the expanding action of the wedge is simply expended upon the handle, to hold it in place, the enlarged head of the plug serving to tighten the bristles, which, when fixed in place, are all united by the cement before described.

I do not claim a wedge passing into the bristles to expand them, as I am aware that the same is not new; but

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

The combination with the brush-head A, and handle C, of the metallic plug D, entered reversely from the bottom, thereby expanding the handle in its socket, and provided with a head, *a*, thereby securing the bristles in place, the whole arranged as described, and operating in manner and for the purpose specified.

In witness whereof, I have hereunto signed my name in the presence of two subscribing witnesses.

CHAS. BOECKH.

Witnesses:

ALBERT HAIGHT,
C. N. WOODWARD.