No. 648,450. Patented May 1, 1900.

A. H. WOLCOTT.

BRUSH BRIDLE.

(Application filed Jan. 3, 1900.)

(No Model.)

Fig. 1.

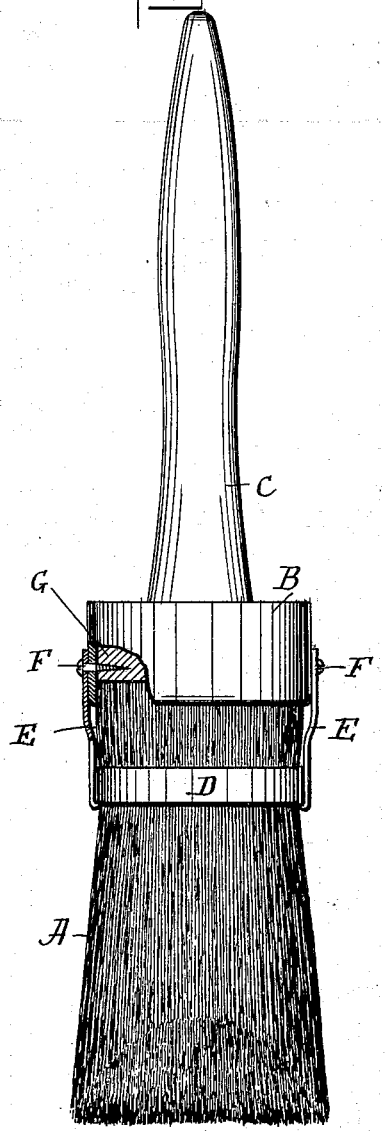
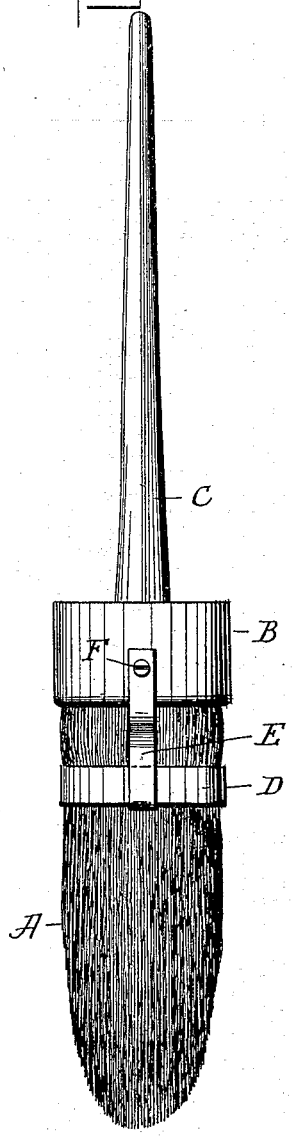


Fig. 2.



Witnesses
Louis Dunker.
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Inventor
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by Albert G. Davis. his atty.

UNITED STATES PATENT OFFICE.

ARTHUR H. WOLCOTT, OF WINTHROP, MASSACHUSETTS, ASSIGNOR TO THE JOHN L. WHITING & SON COMPANY, OF BOSTON, MASSACHUSETTS.

BRUSH-BRIDLE.

SPECIFICATION forming part of Letters Patent No. 648,450, dated May 1, 1900.

Application filed January 3, 1900. Serial No. 221. (No model.)

To all whom it may concern:

Be it known that I, ARTHUR H. WOLCOTT, a citizen of the United States, residing at Pleasant street, Winthrop, in the county of Suffolk and State of Massachusetts, have invented new and useful Improvements in Brush-Bridles, of which the following is a specification.

This invention relates to improvements in metallic brush-bridles for paint, varnish, or similar brushes, round, oval, or flat shaped, for the purpose of preventing the undue spreading of the bristles when the brush is in use, or otherwise, and at the same time imparting a proper and desired flexibility to the brush, as will hereinafter be more fully shown and described, reference being had to the accompanying drawings, wherein—

Figure 1 represents a front elevation of a brush provided with my improved bridle, part of which is shown in section; and Fig. 2 represents a side elevation of the same.

Similar letters refer to similar parts wherever they occur on the different parts of the drawings.

Metallic brush-bridles have heretofore been made composed of a metal bristle-inclosing ring or band rigidly secured to the ferrule of the brush; but such construction is objectionable, as it is liable to confine the bristles too rigidly in position without giving to said bristles that degree of flexibility which is desirable during the use of the brush. To obtain such advantage, I construct my improved brush-bridle as follows:

In the drawings, A represents the bristles of a brush, secured in a suitable manner to and within the metal ferrule B.

C in the drawings represents the brush-handle, as usual.

D represents the metallic bridle, made in the form of a band or ring, adapted to encompass the bristles A at a proper distance below the lower portion of the ferrule B, as shown. To said bridle D are secured or made integral therewith a pair of metal arms or projections E E, the upper ends of which are pivotally connected to two opposite sides of the ferrule B, as shown. In practice I prefer to make such pivotal connection by means of screws F F, going loosely through perforations in the ends of the arms or projections E E and ferrule and screwed into the brush-head G, as shown in Fig. 1. By means of such screws F F the arms E E may be secured more or less firmly to the ferrule B, so as to adjust the frictional resistance between said arms and ferrule, and consequently rendering the bridle D and bristles more or less yielding during the use of the brush.

I wish to state that I do not desire to confine myself to the use of screws as pivotal connections between the bridle-arms and the ferrule, as I may use escutcheon-pins, rivets, or similar pivotal devices for such purpose without departing from the essence of my invention.

What I wish to secure by Letters Patent and claim is—

In combination with a brush the herein-described bridle for brushes, consisting of a metal ring or band D, inclosing the bristles of the brush below the ferrule B, said band or ring having arms or projections E, E, pivotally connected to opposite sides of the said ferrule, substantially as and for the purpose set forth.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

ARTHUR H. WOLCOTT.

Witnesses:

ALBAN ANDRÉN,

HENRY H. HILL.