

No. 828,697.

PATENTED AUG. 14, 1906.

A. H. WOLCOTT.  
BRUSH FERRULE OR BAND.  
APPLICATION FILED OCT. 20, 1904.

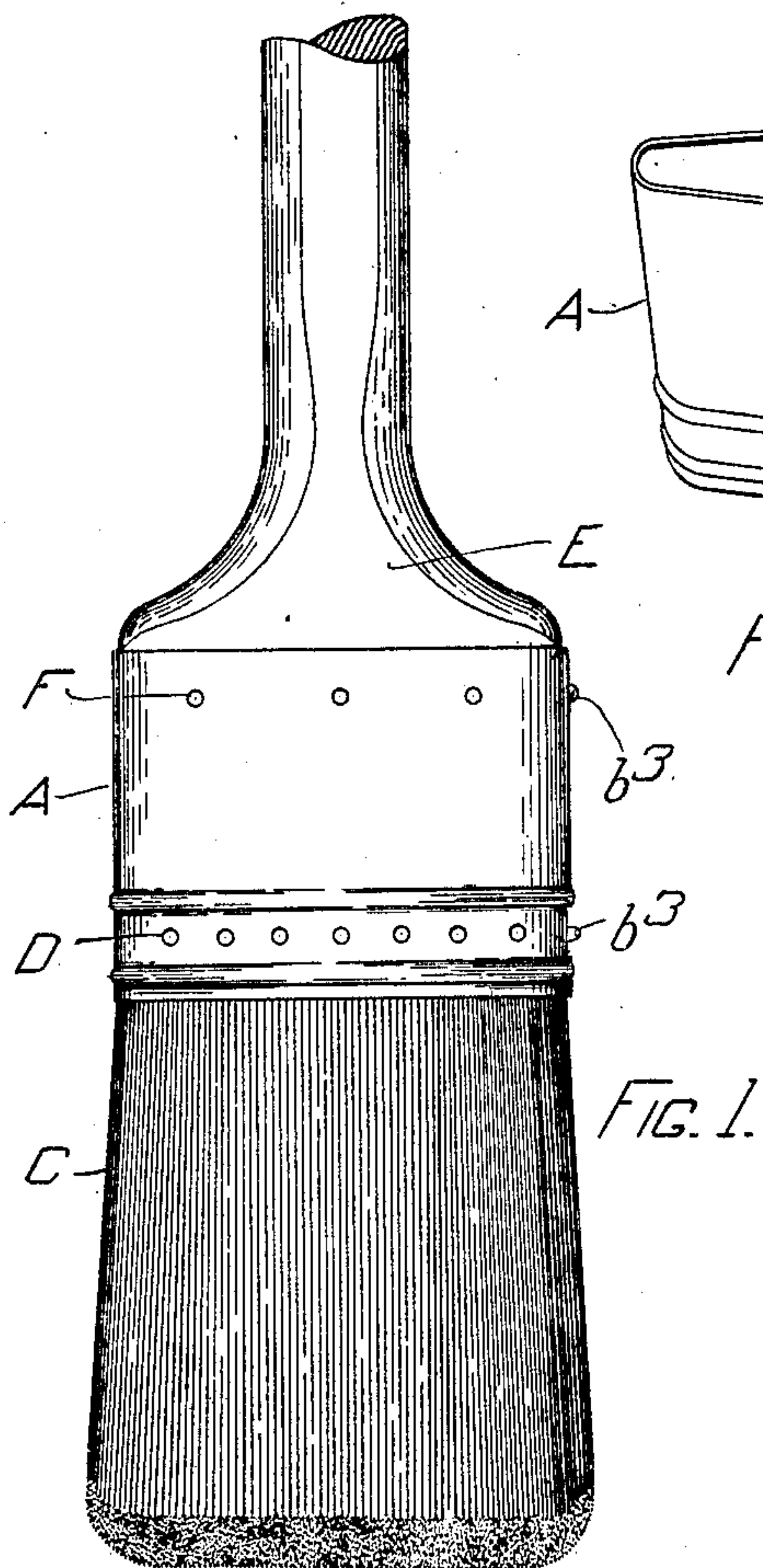


FIG. 1.

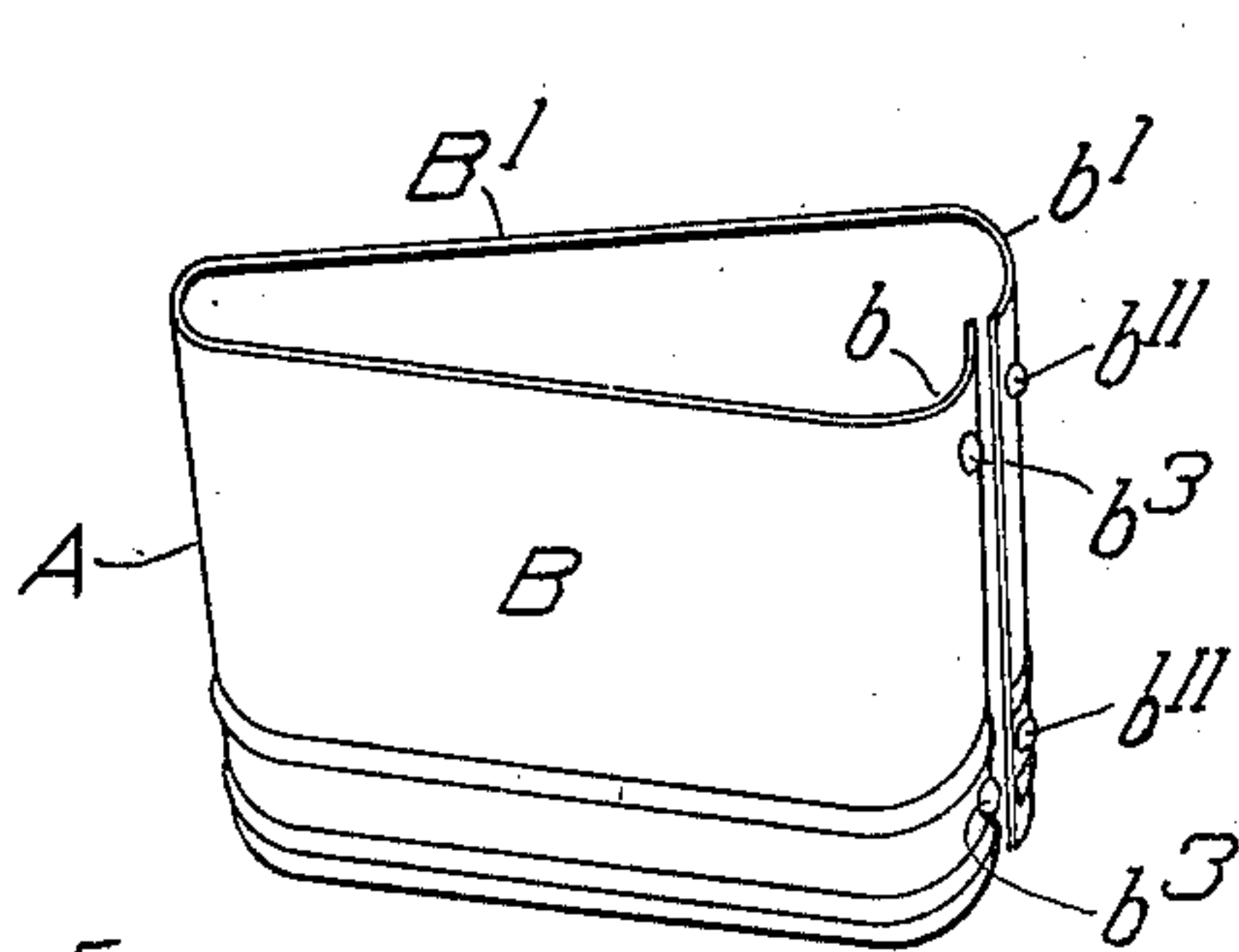


FIG. 3.

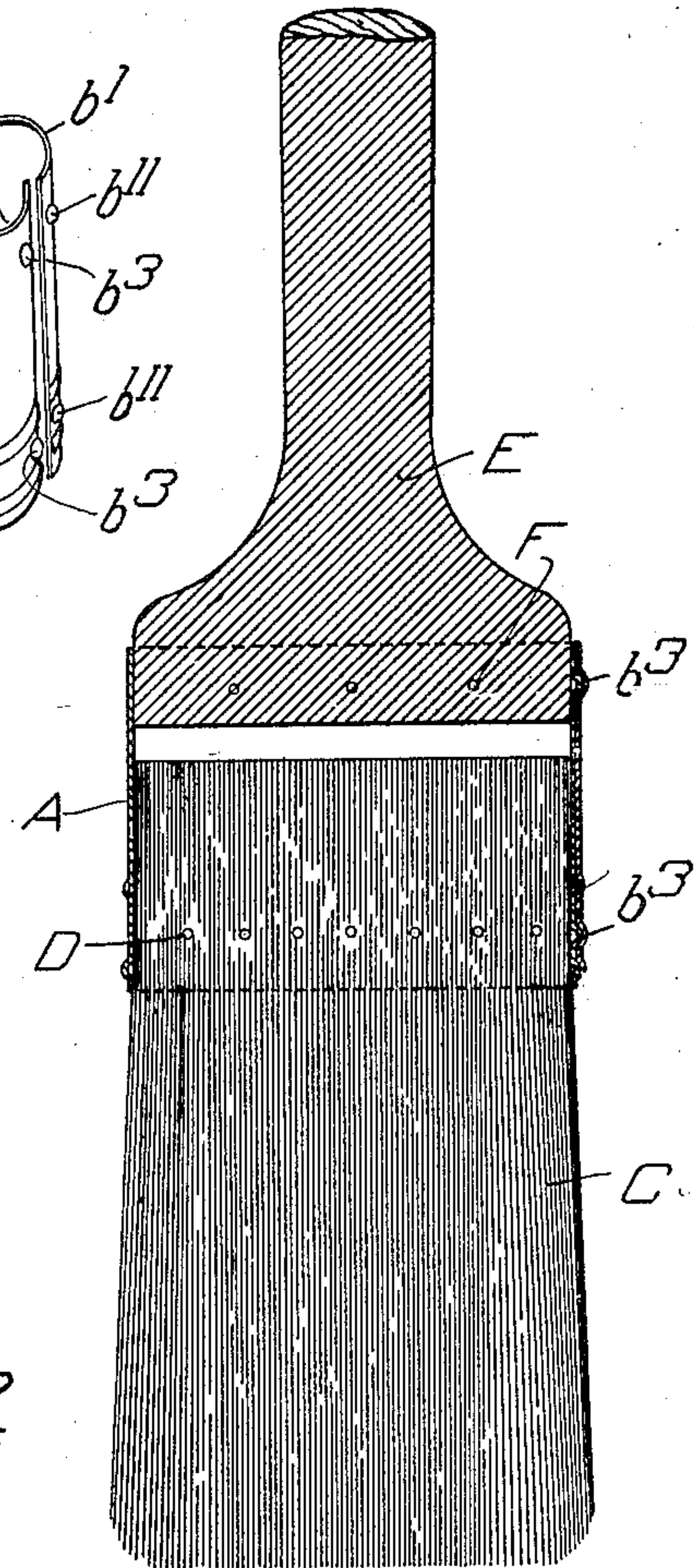


FIG. 2.

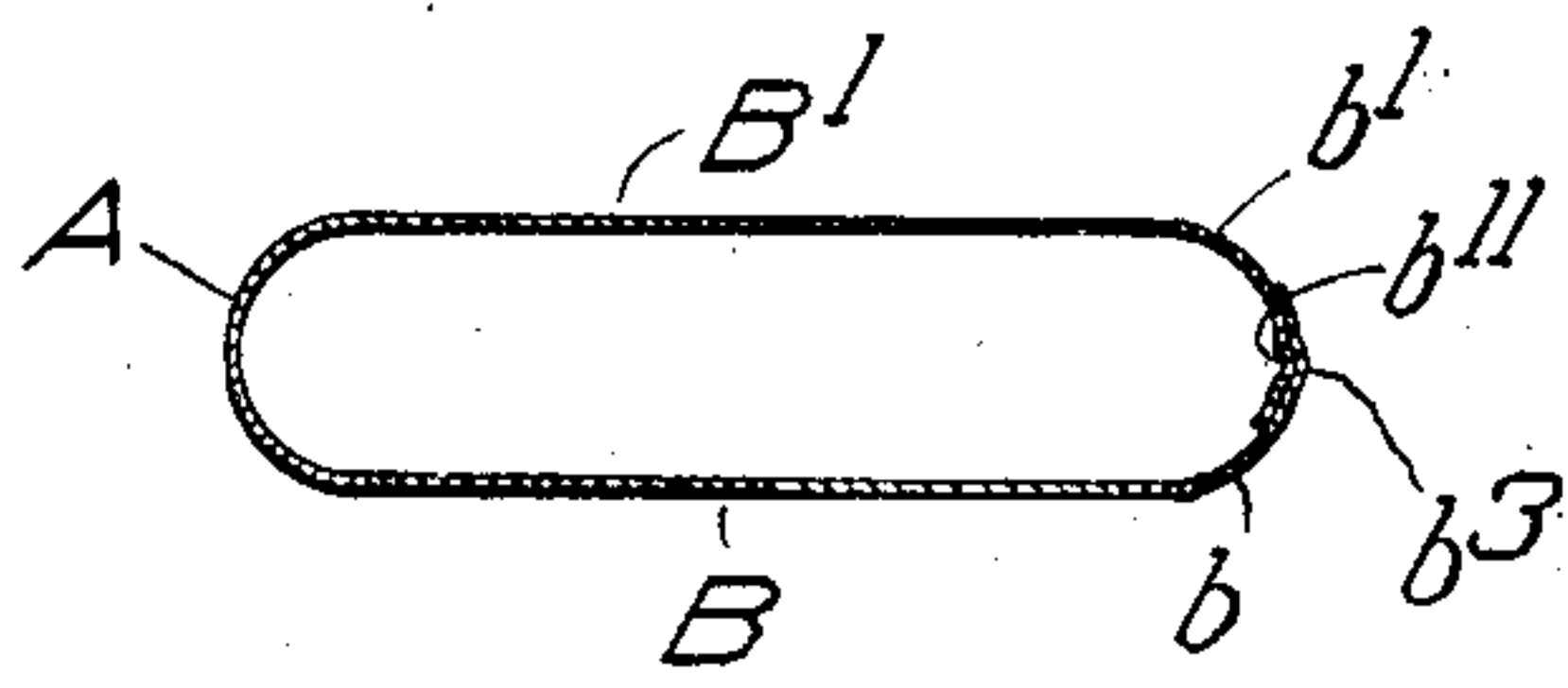


FIG. 5.

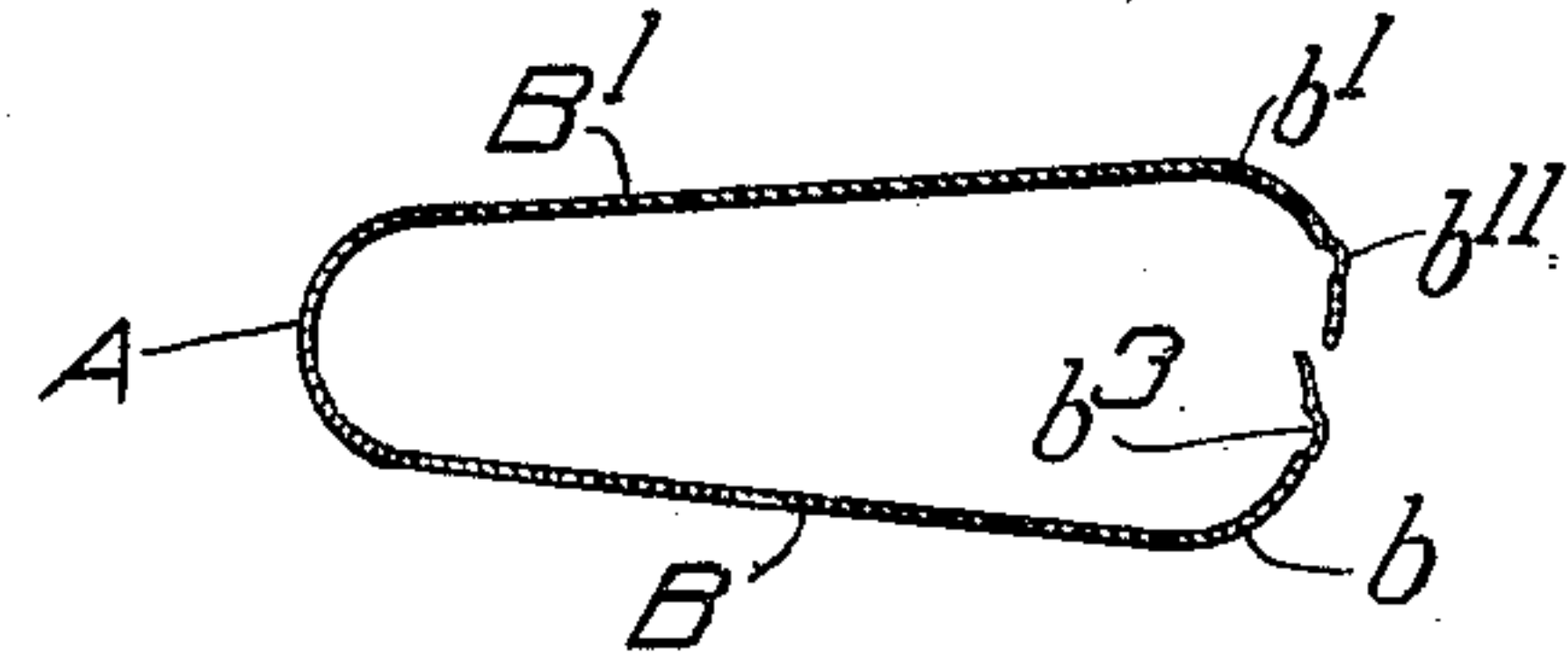


FIG. 4.

WITNESSES  
A. T. Palmer  
A. E. Palmer

INVENTOR  
Arthur H. Wolcott.  
BY Alban Andren  
ATTY.

# UNITED STATES PATENT OFFICE.

ARTHUR H. WOLCOTT, OF WINTHROP, MASSACHUSETTS, ASSIGNOR TO  
JOHN L. WHITNEY AND SON COMPANY, OF BOSTON, MASSACHUSETTS,  
A CORPORATION OF MASSACHUSETTS.

## BRUSH FERRULE OR BAND.

No. 828,697.

Specification of Letters Patent.

Patented Aug. 14, 1906.

Application filed October 20, 1904. Serial No. 229,269.

*To all whom it may concern:*

Be it known that I, ARTHUR H. WOLCOTT, a citizen of the United States, and a resident of Winthrop, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in Brush Ferrules or Bands, of which the following is a specification.

This invention relates to improvements in brush ferrules or bands for round, oval, or flat brushes, as will hereinafter be more fully shown and described, reference being had to the accompanying drawings, wherein—

Figure 1 is a side elevation of a brush provided with my improved ferrule. Fig. 2 is a longitudinal section of Fig. 1. Fig. 3 is a perspective view of the ferrule open. Fig. 4 is an end view of said ferrule open, and Fig. 5 is an end view of said ferrule closed.

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

The improved ferrule is made of a single piece of sheet metal curved or bent at one end, as shown at A, and extended as flaring side pieces B B', terminating, respectively, as curved ends or lips b b', the latter being somewhat longer than the former when the ferrule is open, as shown in Figs. 3 and 4. On the exterior of the curved end b' is one or more external projections b'' b'', and on the interior of the curved end b are corresponding recesses b<sup>3</sup> b<sup>3</sup>, adapted to interlock with the projections b'' when the curved lip b' is bent inward relative to the curved end b and sprung into interlocked position, as shown in Fig. 5. The said projections b'' and recesses b<sup>3</sup> are pressed out from the metal of the curved open ends of the ferrule.

When the open curved ends of the ferrule are interlocked, as shown, it causes the fer-

rules to be made of the same size and the edges of the lips b b' to be held true in alignment. After the ends of the curved portions of the ferrule have thus been interlocked they are soldered together, so as to make a smooth joint. The bristles C are then inserted in the ferrule, as usual, and secured thereto by means of nails or rivets D. The other end of the ferrule is then attached to the handle E by nails or rivets F, as usual.

Heretofore ferrules have been made without interlocking ends and soldered together, by which it is difficult to make the ferrules of the same size and of a true form—that is, of an even size and contour through its length; but by providing the open ends of the ferrule with interlocking devices, as shown, I am enabled to make the ferrule of an even size throughout its length, so as to hold it in proper interlocked position while soldering the open ends together. The said projections and interlocking recesses on the open ends of the ferrule may be of any desired size, shape, or configuration without departing from the essence of my invention.

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

A brush-ferrule, comprising a band of stiff elastic material arranged to surround a brush, and having lipped ends adapted to overlie one another, one of the lipped ends having depressions and the other having projections adapted to interlock therewith, whereby the ends are locked in their lapped position when the outer end is sprung within the inner end.

In testimony whereof I have affixed my signature in presence of two witnesses.

ARTHUR H. WOLCOTT.

Witnesses:

ALBAN ANDRÉN,  
ALVAH C. STONE.



It is hereby certified that the name of the assignee in Letters Patent No. 828,697, issued August 14, 1906, upon the application of Arthur H. Wolcott, of Winthrop, Massachusetts, for an improvement in "Brush Ferrules or Bands," was erroneously written and printed "John L. Whitney and Son Company," whereas the said name should have been written and printed *John L. Whiting and Son Company*; and that the said Letters Patent should be read with this correction therein that the same may conform to the record of the case in the Patent Office.

Signed and sealed this 18th day of September, A. D., 1906.

[SEAL.]

E. B. MOORE,  
*Acting Commissioner of Patents.*