

955,061.

J. L. ERSKINE.
BRUSH.
APPLICATION FILED MAY 5, 1909.

Patented Apr. 12, 1910.

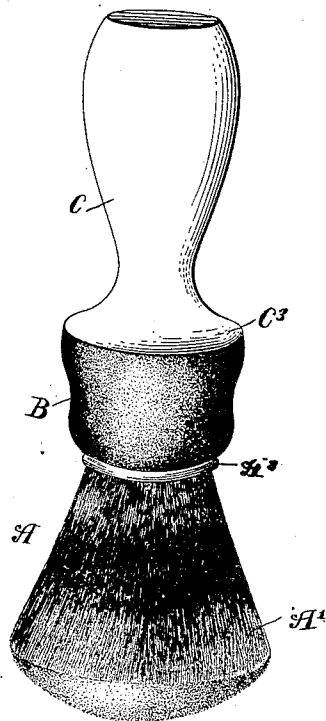


Fig. 1

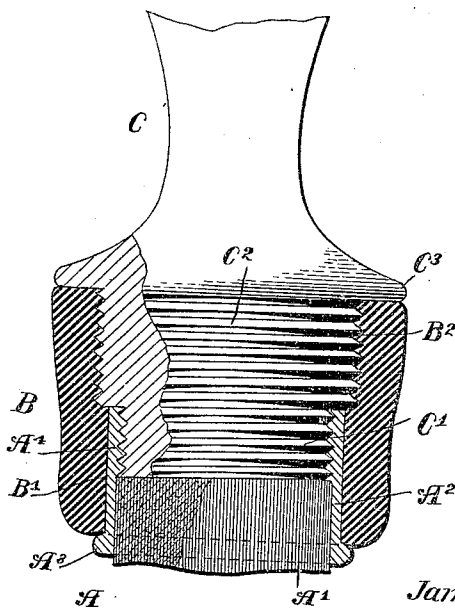


Fig. 2

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UNITED STATES PATENT OFFICE.

JAMES LOWE ERSKINE, OF NEW YORK, N. Y., ASSIGNOR TO THE JAMES LOWE ERSKINE CO., OF NEW YORK, N. Y., A CORPORATION.

BRUSH.

955,061.

Specification of Letters Patent.

Patented Apr. 12, 1910.

Application filed May 5, 1909. Serial No. 494,023.

To all whom it may concern:

Be it known that I, JAMES LOWE ERSKINE, a citizen of the United States, and a resident of the city of New York, borough of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Brush, of which the following is a full, clear, and exact description.

The object of the invention is to provide a new and improved brush, made in sections capable of being readily taken apart for cleaning, sterilizing or renewing any one of the sections in case the same is worn out or injured, thus saving the cost of a new brush.

For the purpose mentioned, the brush section is provided with a collar carrying the bristles and having an annular bead adjacent to the bristles, the collar fitting the ferrule and the head engaging the end of the ferrule exteriorly, and a handle engaging both the ferrule and the collar.

A practical embodiment of the invention is represented in the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in both the views.

Figure 1 is a perspective view of the improvement; and Fig. 2 is an enlarged sectional side elevation of the same.

The brush illustrated in the drawings consists essentially of the bristle section A, the ferrule B and the handle C. The bristles A' of the bristle section A are secured in a collar A², fitting snugly into the bore B' at one end of the ferrule B, and the collar A² is provided at its outer end with an exterior bead A³, abutting against the outer end of the ferrule B, as plainly indicated in the drawings. The inner end of the collar A² is provided with an interior screw thread A⁴, into which screws the exteriorly threaded terminal C' of the handle C, and the latter is provided with a second set of screw threads C², adjacent to the screw threads C' and screwing into interior screw threads B² formed on the rear end of the ferrule B. Now by the arrangement described the handle C screws into both the collar A² and the ferrule B, and consequently the collar A² of the bristle section A is drawn inwardly in the ferrule B, so as to abut the bead A³ against the outer end of the ferrule B. At the same time the handle C is firmly secured in the ferrule B, so that the three sections forming the brush are securely united, and

the sections can be readily taken apart by unscrewing the handle C from the collar A² and the ferrule B.

The handle C is provided with a shoulder C³, adjacent to the rear end of the screw threads C², to abut against the rear end of the ferrule B at the time the screw-threaded portions C' and C² are screwed home in the collar A² and the ferrule B.

Although I prefer uniting the several parts by screw threads, as described, it is evident that other means may be employed.

By the arrangement described, the water or other liquid running off the brush, when the latter is used, is deflected by the bead A³ and hence is not liable to pass into the ferrule B and crack or otherwise injure the same. It will also be noticed that by extending the handle into the collar carrying the bristles, the ferrule B is relieved of some of the strain when the brush is used, and an exceedingly strong and durable brush is provided.

Having thus described my invention, I claim as new and desire to secure by Letters Patent:

1. A brush, comprising a bristle section having bristles and a collar, in one end of which the bristles are fastened, the collar having an interior screw thread at the other end, and an exterior bead at the end containing the bristles, a ferrule, into one end of which the said collar fits, the other end of the collar having an interior screw thread, and a handle having two sets of screw threads, one screwing into the said ferrule and the other screwing into the said collar.

2. A brush, comprising a bristle section having bristles and a collar, in the outer end of which the bristles are set, the collar having an exterior bead at the outer end, a ferrule, into the outer end of which fits the said collar, the bead thereof engaging the terminal of the ferrule exteriorly, and a handle attached to the said ferrule and having a reduced portion extending into the ferrule attached to the inner end of the said collar.

3. A brush comprising a collar provided with bristles, a ferrule receiving the collar in one end, and a handle extending into the other end of the ferrule and detachably connected with the collar, said collar having an annular bead and the handle an annular

shoulder for engaging the respective ends of the ferrule.

- 5 4. A brush comprising a collar provided with bristles, a ferrule receiving the collar in one end, and a handle extending into the other end of the ferrule and detachably connected with the collar, and the ferrule.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JAMES LOWE ERSKINE.

Witnesses:

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