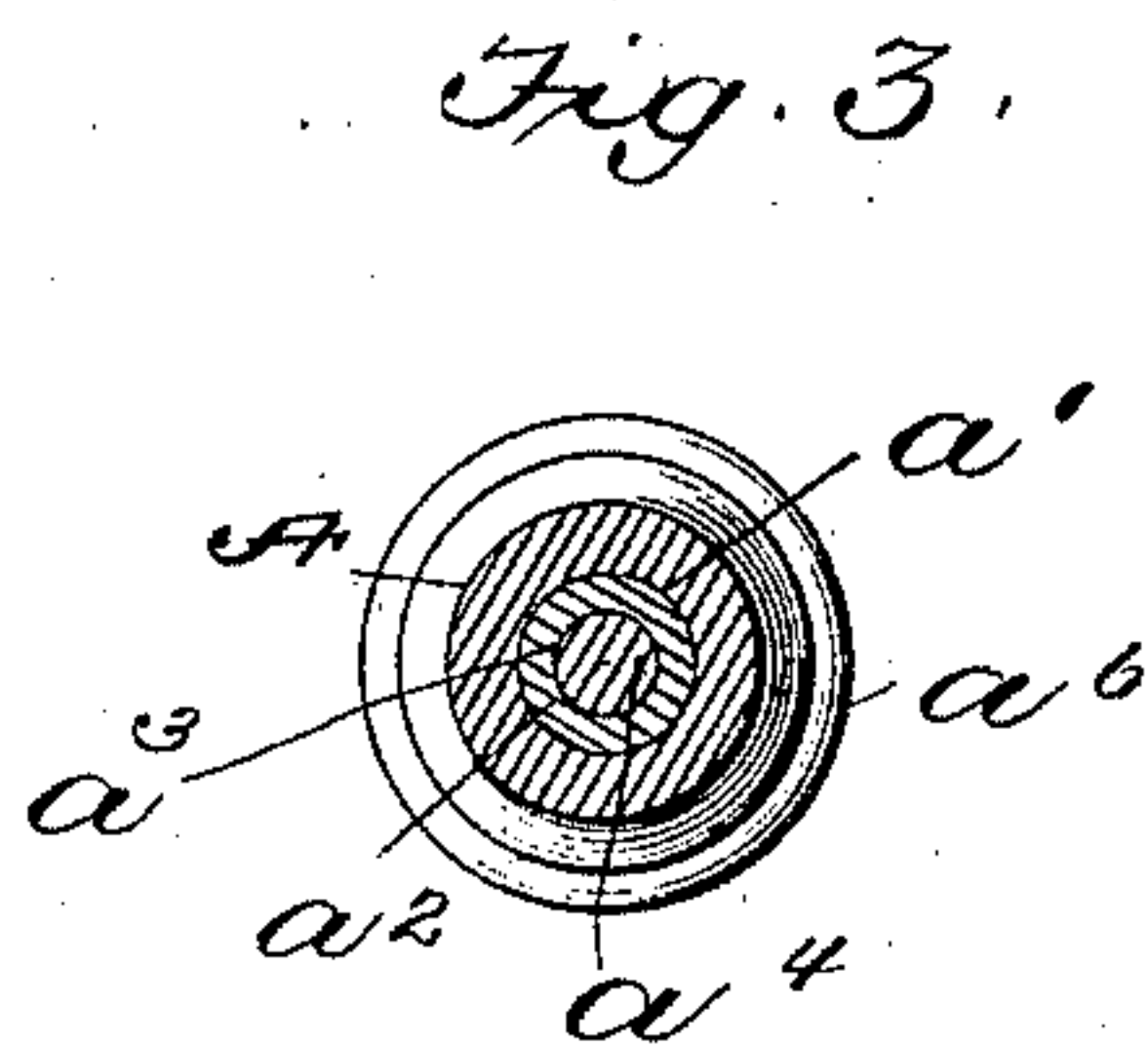
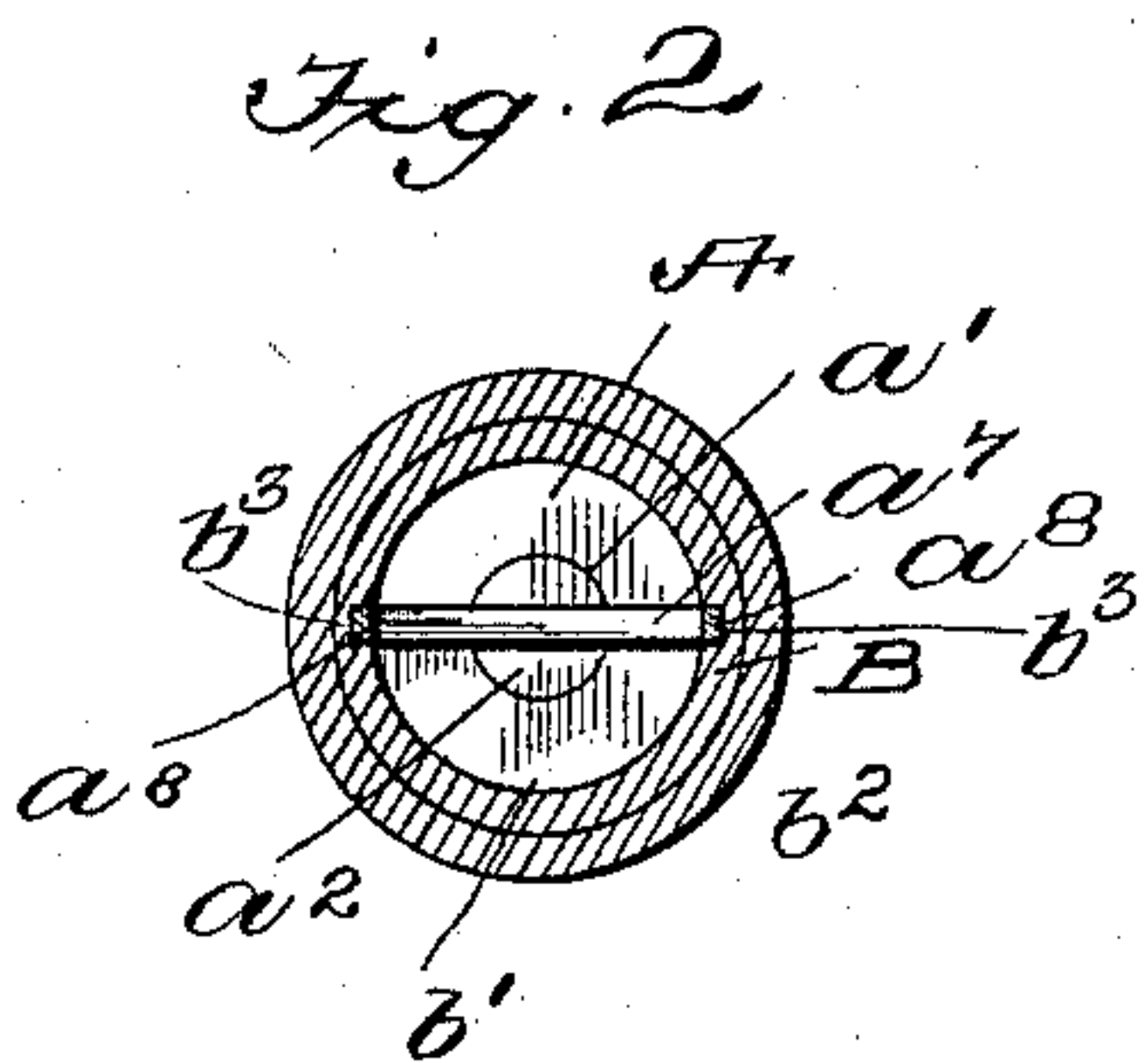
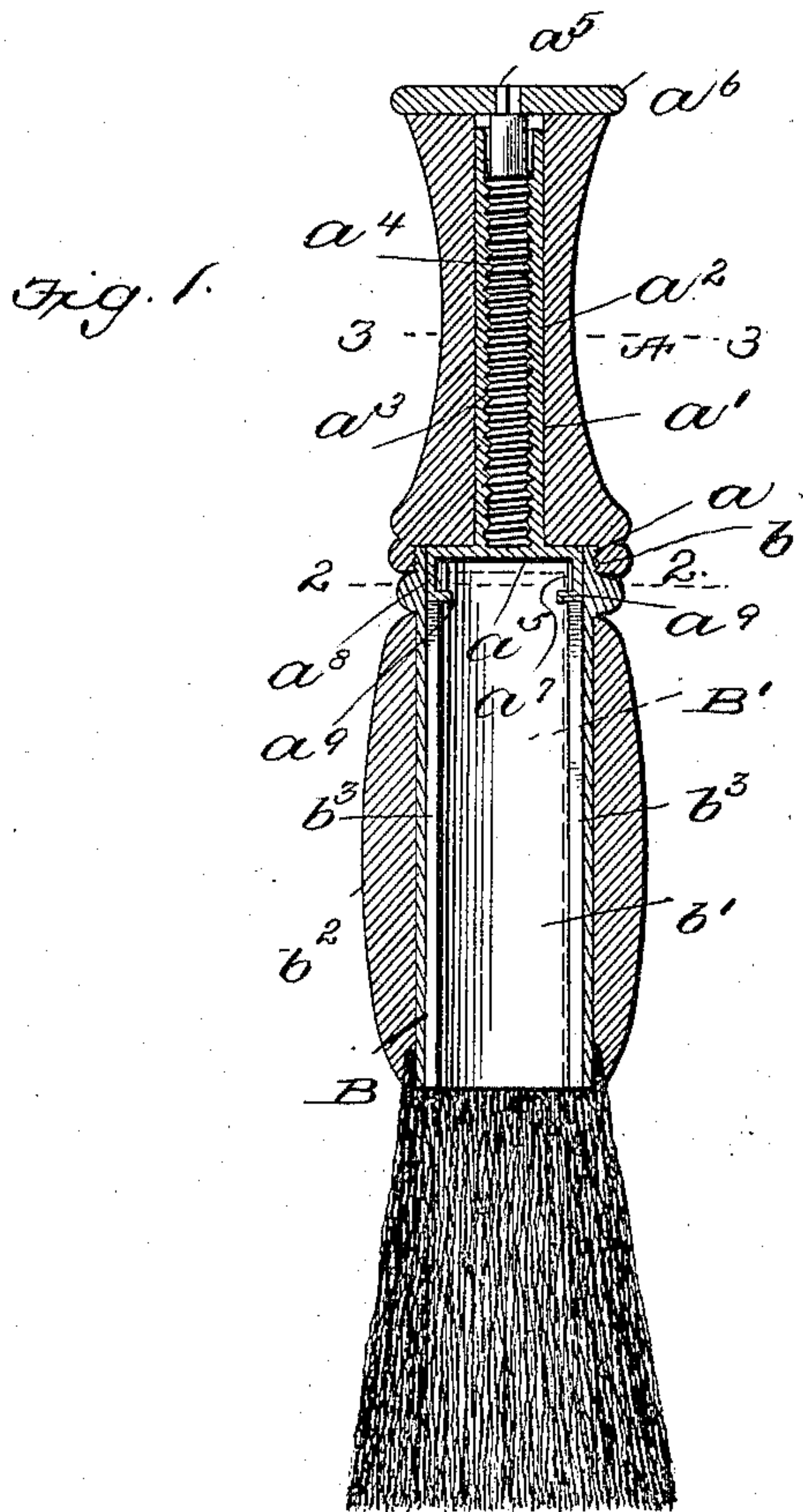


(No Model.)

W. S. FINLEY.
SHAVING BRUSH.

No. 535,753.

Patented Mar. 12, 1895.



Witnesses

John D. Smith
Thos. W. Riley.

Inventor,
William S. Finley
per *Hallock and Halleck*

Attorneys

UNITED STATES PATENT OFFICE.

WILLIAM S. FINLEY, OF KNOXVILLE, TENNESSEE.

SHAVING-BRUSH.

SPECIFICATION forming part of Letters Patent No. 535,753, dated March 12, 1895.

Application filed March 3, 1894. Serial No. 502,230. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM S. FINLEY, a citizen of the United States, residing at Knoxville, in the county of Knox and State of Tennessee, have invented certain new and useful Improvements in Shaving-Brushes; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to that class of brushes that have handles containing soap which is forced into the bristles by mechanism connected with the handle.

The object of my invention is to improve upon the general construction of such devices; and to that end the invention consists of constructions and combinations all as will hereinafter be set forth in the specification and pointed out in the claim, reference being had to the accompanying drawings, in which—

Figure 1, represents a longitudinal section of the brush; Fig. 2, a section on line 2—2 of Fig. 1; and Fig. 3, a section on line 3—3 of Fig. 1.

A represents the handle of the brush and contains the mechanism for moving the soap, and B is the bristle and soap carrying part of the same. The handle and part B may be joined together in any desired way but I prefer to provide the handle A with a female thread a at its lower end and the part or holder B, with a male thread b which is screwed into the thread a of the handle.

The handle A is provided with a longitudinal opening a' preferably cylindrical in cross section. In this opening is fitted a sliding block a^2 having a central screw-threaded opening a^3 for a rotating screw a^4 which is of substantially the same length as the handle and has a square headed shank a^5 at its upper end to which a milled disk a^6 is secured. This disk a^6 forms the cap of the handle and when rotated moves the sliding block a^2 up or down, as the case might be, in the handle by means of the rotating screw a^4 . The lower end of the sliding block is provided with a holder a^7 for a stick of soap B'. In the device shown the soap holding device a^7 consists of the downward extending arms a^8 provided with inwardly turned fingers a^9 which hold the soap in place and allow it to be moved up and down with sliding block a^2 of which said arms and fin-

gers are a part. By separating the handle A from the holder B, the soap can be readily attached to the holder a^7 which is lowered below the lower end of the handle for that purpose. The stick of soap is pressed laterally against the fingers a^9 until it is centered on the holder a^7 when it is ready to be inserted in the holder B. This holder B is provided with a central opening b' for the soap. This opening extends the entire length of the holder B and is fringed at its lower end with a circle of bristles secured to the sides thereof in any desired way, preferably by means of a ferrule b^2 of any suitable material such as bone or metal as shown in the drawings. The walls of the central opening b' are provided with two channel ways b^3 for the arms a^8 which move therein when the sliding block a^2 is moved up or down and hold the latter against rotation while the soap is being pushed down among or is being withdrawn from the bristles.

The advantages of this device are manifold. The handle can be easily separated from the holder B which can be cleaned at will without involving the mechanism for moving the soap; the soap B' is held by a positive, and in fact a locking, device consisting of the fingers a^8 , arms a^9 and the wall of the central opening b' ; the soap can be easily attached or detached from the holder a^7 and inspected at will by simply separating the two parts; and the soap moving mechanism is so removed from the bristles that there is no liability of its becoming clogged by reason of soap or lather getting among the parts.

What I claim as new is—

The combination with a handle having a rotating nut, and a sliding block moved by said nut and having the arms projecting downward and provided with the inwardly projecting fingers; of a holder having a central opening fringed at its lower end with bristles and provided with channel ways for said arms which with the fingers and wall of said opening form a lock for the soap held by said fingers.

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

WILLIAM S. FINLEY.

Witnesses:

ERNEST KELLER,
JAS. H. WELCKER.