

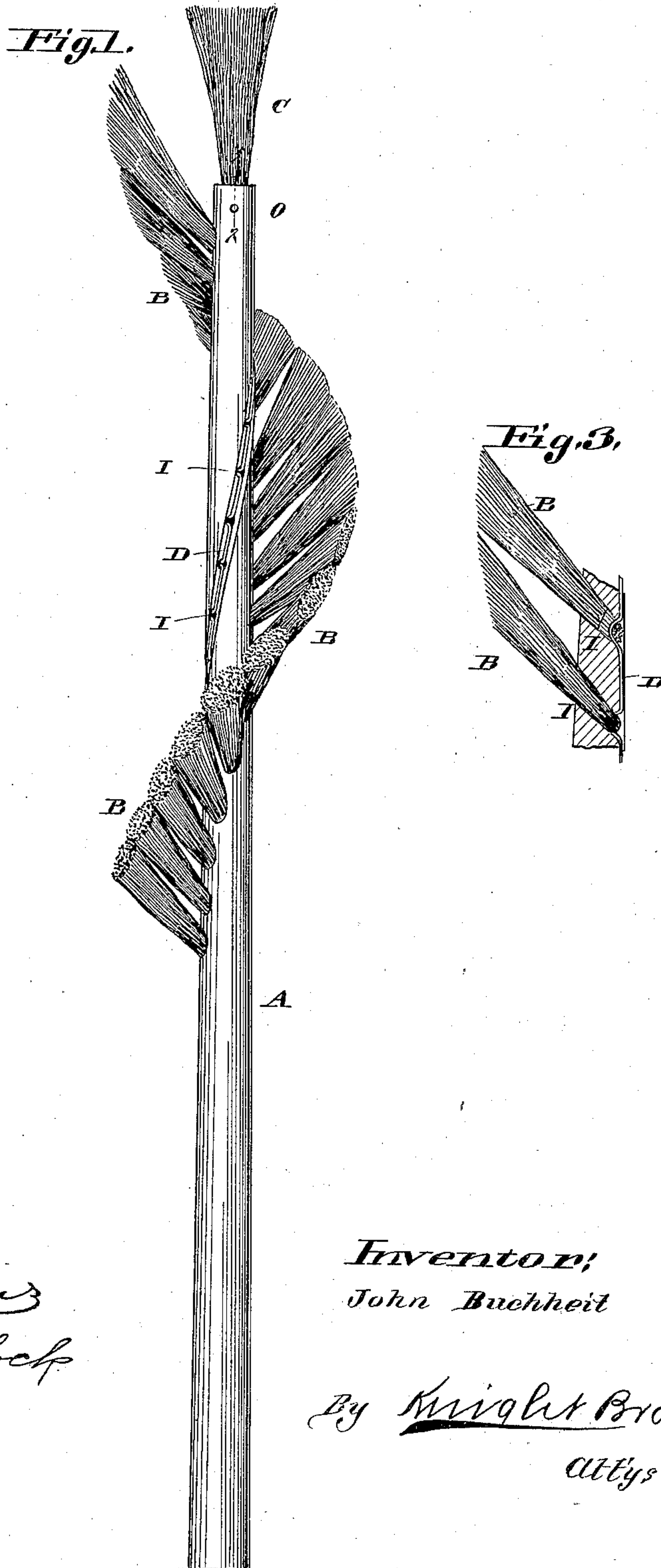
(No Model.)

J. BUCHHEIT.

BOTTLE WASHING BRUSH.

No. 335,052.

Patented Jan. 26, 1886.



Attest;
D. M. Hopkins
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UNITED STATES PATENT OFFICE.

JOHN BUCHHEIT, OF ST. LOUIS, MISSOURI, ASSIGNOR OF ONE-HALF TO
MAX HASEMAN, OF SAME PLACE.

BOTTLE-WASHING BRUSH.

SPECIFICATION forming part of Letters Patent No. 335,052, dated January 26, 1886.

Application filed March 30, 1885. Serial No. 160,624. (No model.)

To all whom it may concern:

Be it known that I, JOHN BUCHHEIT of the city of St. Louis, in the State of Missouri, have invented a certain new and useful Improvement in Bottle-Washing Brushes, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification, and in which—

Figure 1 is an elevation or side view of my improved brush. Fig. 2 is an enlarged detail section taken on line 2 2, Fig. 1; and Fig. 3 is a similar view of the body of the brush.

My invention is an improved form of brush for washing bottles.

My invention relates to that form of brush which comprises a rod having perforations extending entirely through the body thereof, and longitudinal grooves sunk into the surface in which the wire which secures the tufts in the perforations is inserted.

My invention consists in features of novelty hereinafter fully described, and pointed out in the claim.

Referring to the drawings, A represents the handle or staff of the device, provided with

side tufts, B, and end tuft, C, the former being arranged in spiral form inclined toward the inner end, and being held to the handle by a wire, D, that draws them into perforations I made in the handle. By arranging these tufts both spirally and inclined they operate more effectually to clean the bottle.

The end tuft is removably attached or secured to the handle, so that when it becomes worn out (which it does much more rapidly than the side tufts) it can be renewed. I have shown it secured in a collar, J, that fits in a socket, N, in the end of the handle, where it is held by a pin, O. (See Fig. 2.) End tufts can thus be manufactured and sold independently of the rest of the device, and can be put on by an inexperienced person.

I claim as my invention—

A metal rod having a spiral line of tufts upon it inclined toward the end, and an end tuft, substantially as set forth.

JOHN BUCHHEIT.

Witnesses:

SAML. KNIGHT,
GEO. H. KNIGHT.