

(No Model.)

C. A. AVERY.

WHISK BROOM.

No. 263,093.

Patented Aug. 22, 1882.

Fig. 1.

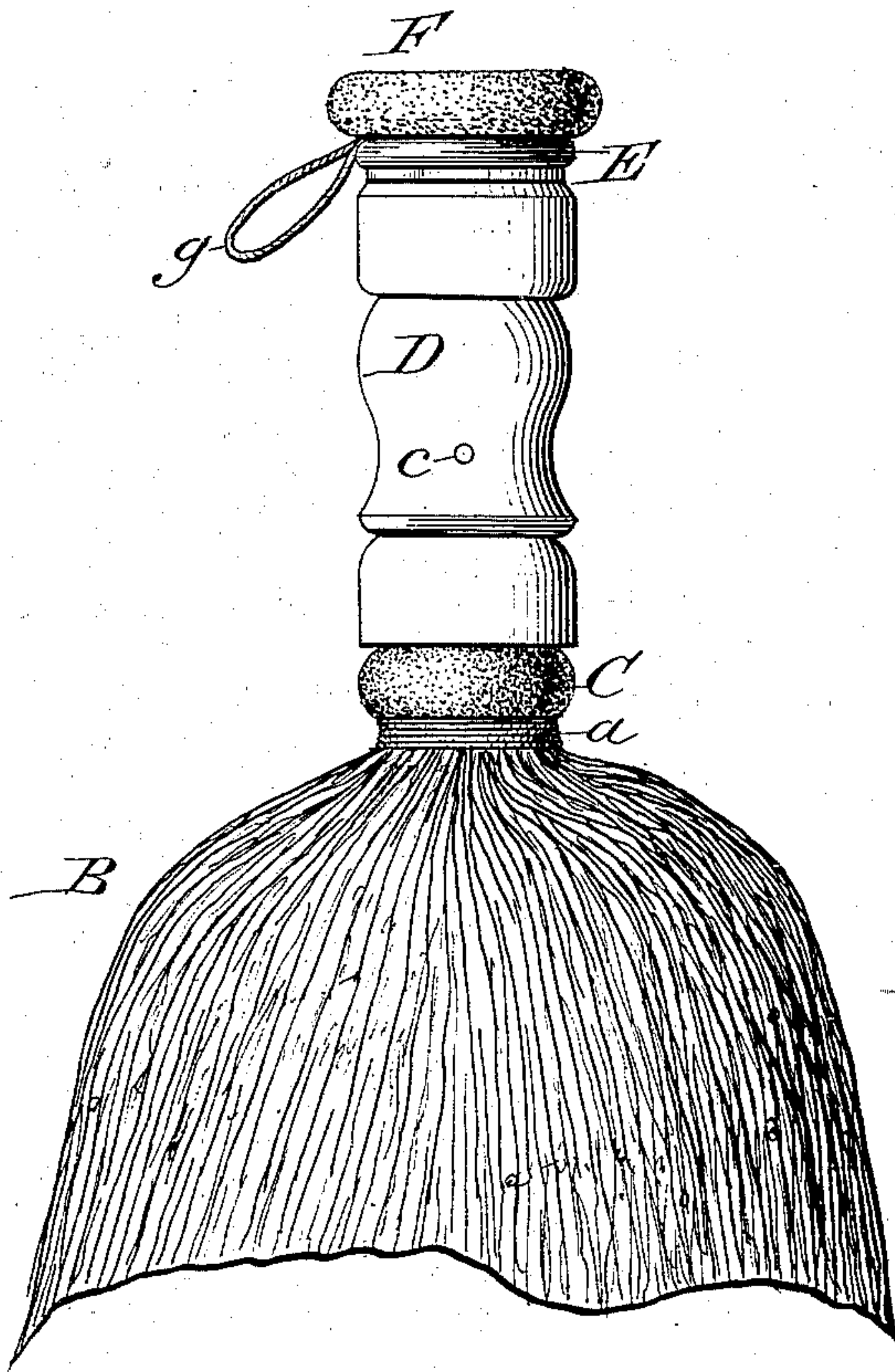
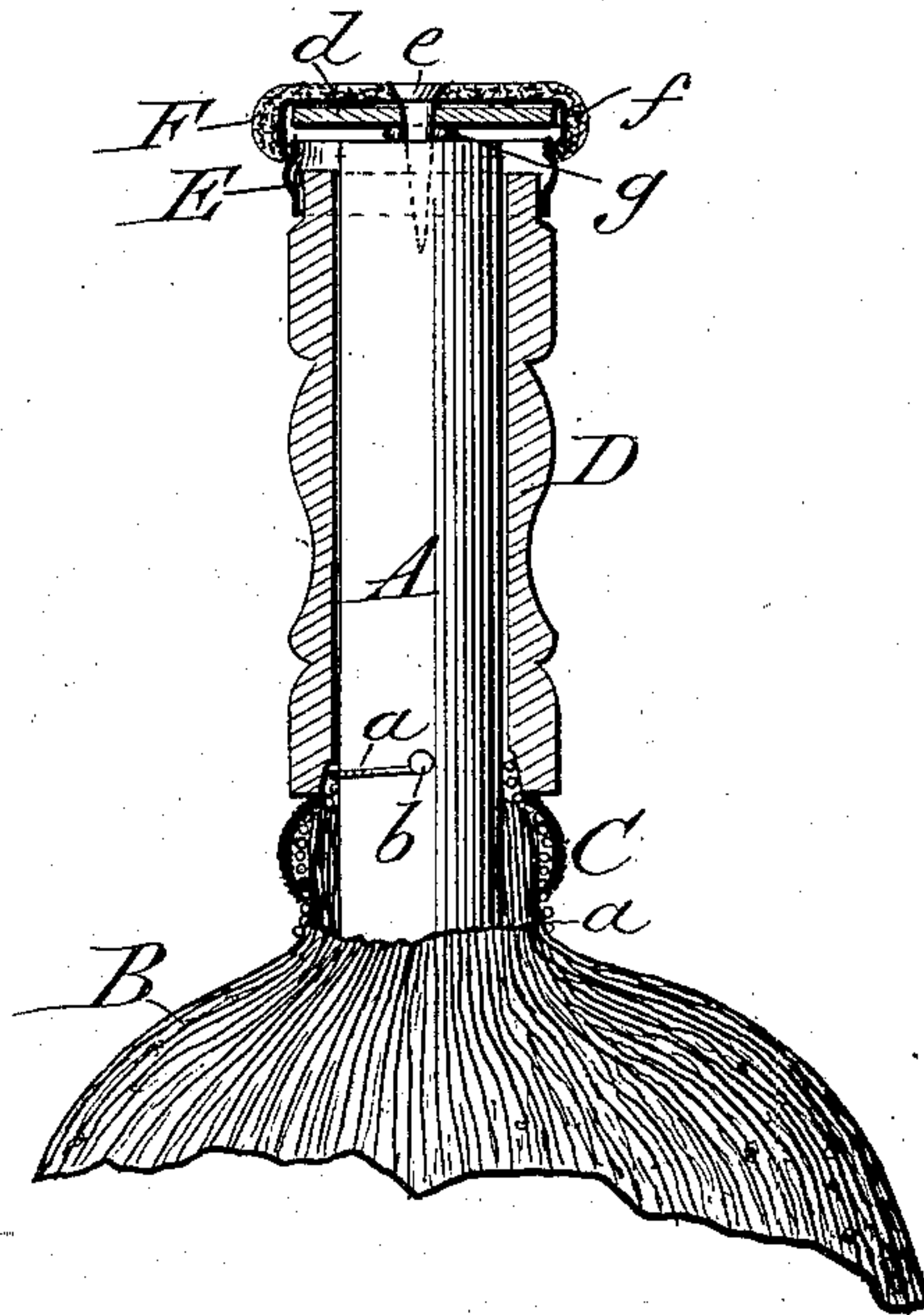


Fig. 2.



Attest:

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UNITED STATES PATENT OFFICE.

CHARLES A. AVERY, OF SCHENECTADY, NEW YORK.

WHISK-BROOM.

SPECIFICATION forming part of Letters Patent No. 263,093, dated August 22, 1882.

Application filed January 14, 1882. (No model.)

To all whom it may concern:

Be it known that I, CHARLES A. AVERY, a citizen of the United States, residing at Schenectady, in the county of Schenectady and State of New York, have invented certain new and useful Improvements in Whisk-Brooms; and I do 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, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

My invention relates to that class of whisk-brooms in which the handle is composed of a center rod or stick, to which the broom-body is wired, and of a cylinder inclosing said rod; and the invention consists in certain peculiarities of construction, as hereinafter more fully described and claimed.

In the annexed drawings, which fully illustrate the invention, Figure 1 is a side view of my improved whisk-broom, and Fig. 2 represents a longitudinal section through the handle of the same.

Like letters indicate like parts.

In the drawings, A represents the stock or central rod, to which the straws B, composing the broom-body, are secured by means of the wire *a*. After coiling the wire *a* several times around the straw a plush covering, C, is applied with its wrong side out and secured by a few turns of the wire over its upper edge. The wire coils are then continued over the straw to its upper end, the plush C is turned upward, bringing its right side out, in which position it is held by a few turns of the wire over the edge of the plush now permanently uppermost, and, the coils being continued around the stock A, the wire is finally secured by a tack, *b*, driven into said stock.

The outer cylindrical handle or ferrule, D, which is preferably composed of ivory, bone, or similar material, and suitably ornamented,

is applied so as to closely embrace the stock A and cover the upper coils of the wire *a*, which would otherwise be exposed. This ferrule may be secured to the stock by means of glue, if desired, but is preferably held by a rivet driven through an opening, *c*, in the side of said ferrule. At the upper end of the cylinder or ferrule D is a metallic ring, E, which surrounds the end of said ferrule and obviates the liability of splitting or chipping the same. If desired, a similar metallic ring may also be applied at the lower end of the cylinder D for a like purpose.

The brush-handle is furnished with a cap, F, which consists of a flanged metal base, *f*, having a plush covering and inclosing a washer, *d*, of suitable material, the whole being secured by a tack, *e*, which is driven through the cap and into the top of the center rod, A. This tack also secures the loop *g*, the end of which is passed beneath the washer.

A whisk-handle constructed in this manner presents an exceedingly neat and ornamental appearance, and obviates many of the disadvantages usually attendant upon the employment of handles having cylindrical casings, such as the liability of such casings splitting, chipping, and working loose.

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

In a whisk-broom handle, the combination, with the stock A and cylindrical ferrule D, of the metallic ring E, surrounding the upper end of the ferrule, the cap F, composed of a flanged base, *f*, having a suitable covering, the washer *d*, inclosed in said cap, and the securing-tack *e*, all constructed and arranged as and for the purpose specified.

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

CHARLES A. AVERY.

Witnesses:

FRANK J. ATWELL,
JOHN E. ORCHARD.