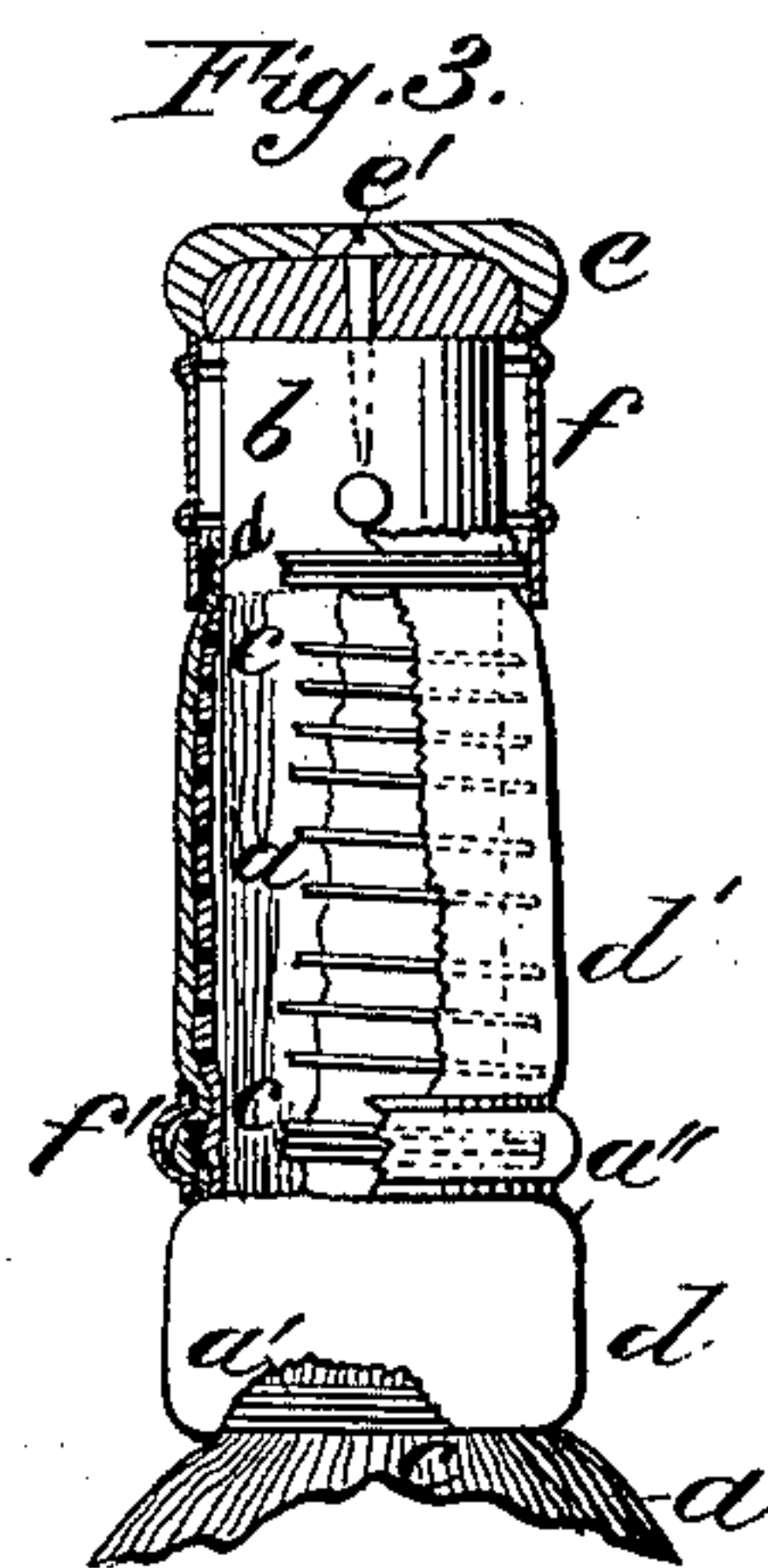
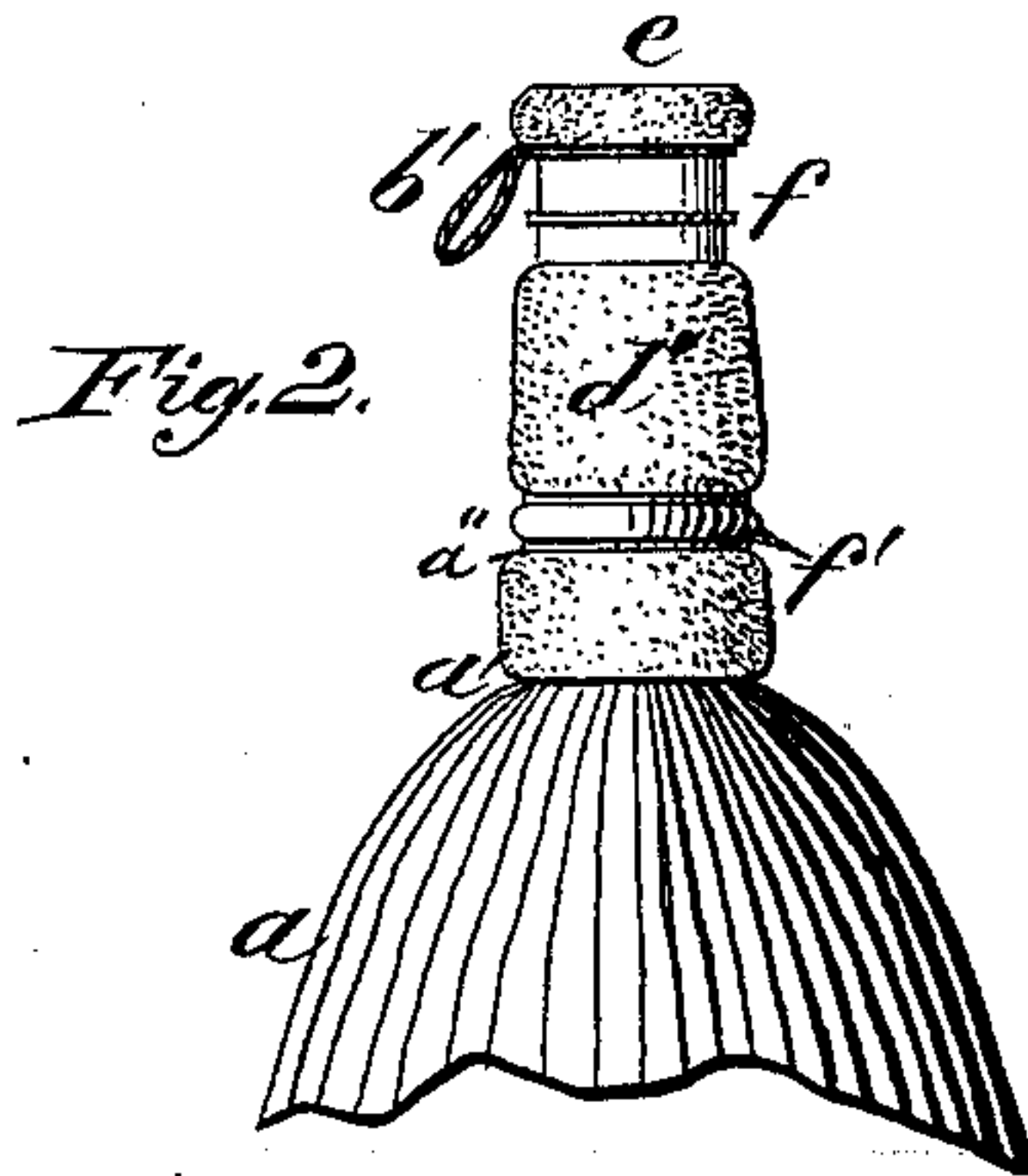
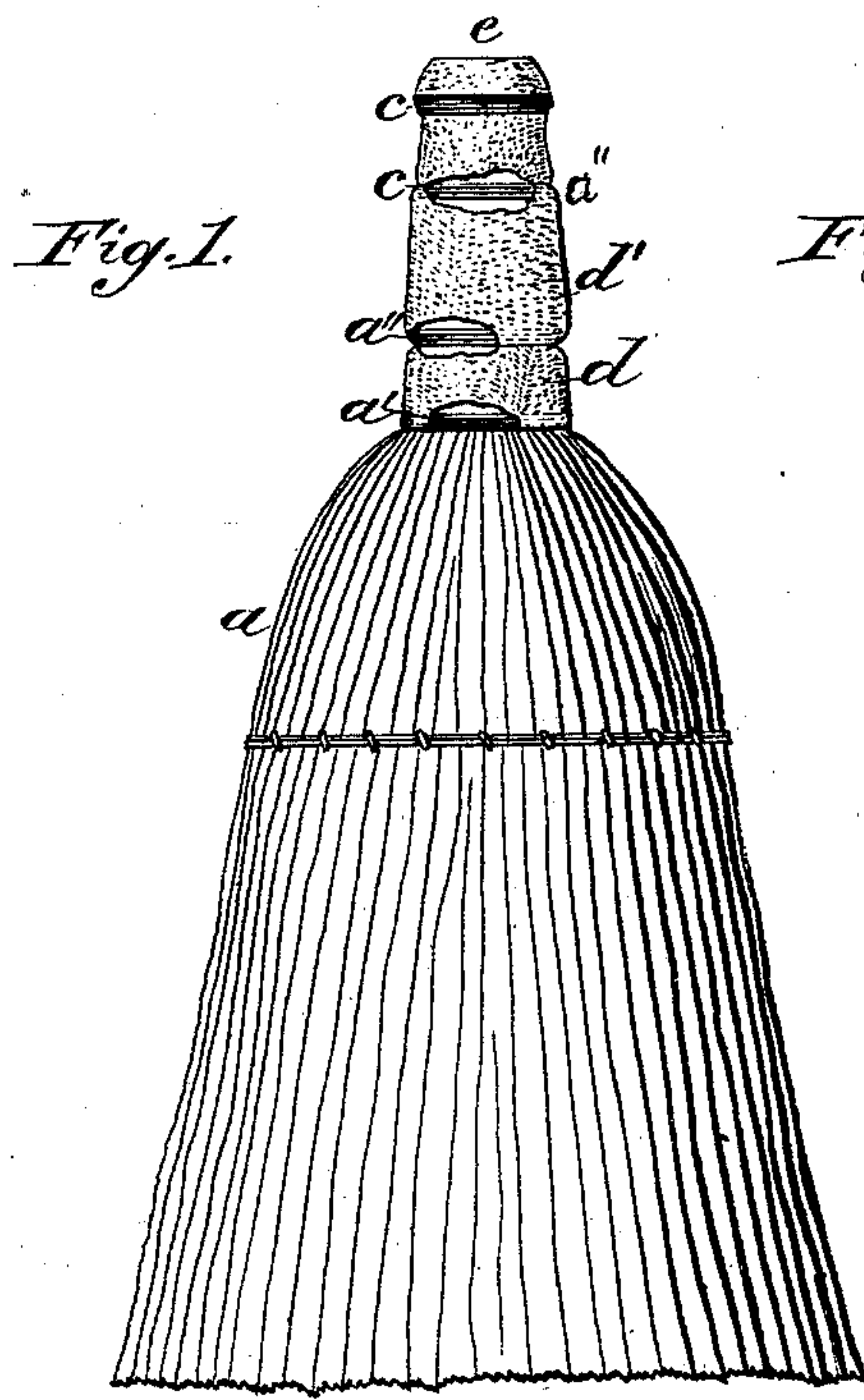


H. BRADT.
Whisks.

No. 223,703.

Patented Jan. 20, 1880.



Attest:
F. H. Schott.
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per J. C. Paske atty

UNITED STATES PATENT OFFICE.

HENRY BRADT, OF SCHENECTADY, NEW YORK.

WHISK.

SPECIFICATION forming part of Letters Patent No. 223,703, dated January 20, 1880.

Application filed August 12, 1879.

To all whom it may concern :

Be it known that I, HENRY BRADT, of Schenectady, in the county of Schenectady and State of New York, have invented certain new and useful Improvements in Whisks; 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, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

This invention relates to an improvement in that class of brush-brooms usually called "whisks;" and it consists in the employment of a central block or handle covered with plush or similar material, secured thereto and to the upper ends of the broom-stock by a continuous wire wrapped around them, a second covering of plush being applied over the first and wired thereto at intervals along the handle, and the latter wires covered by bands, and the end of the handle provided with a plush cap, as hereinafter more fully set forth.

In the drawings, Figure 1 shows the implement with the handle covered, but without the bands or ferrules. Fig. 2 shows the handle with both covers and bands in place. Fig. 3 represents the handle partly in section, illustrating the manner of applying the coverings thereto.

In constructing this implement the brush *a* is properly arranged about a wooden central block, *b*, and firmly bound thereto by the cord or wire *c*, which is drawn so tight as to partly embed itself in the material of which the brush is composed, thus preventing the latter from becoming loose under any circumstances of use. The covering *d* is then applied by first giving the cord or wire a few turns about the handle at *a'* while the cover is in a reversed position under it. The cover is then turned up over these turns of the binder with its right side out, and the wire *c* is wound around the upper ends of the broom-stock, the handle, and the plush covering *d*, thus firmly securing them together, and is then continued on until near the end of the handle, where it

is finally secured by a turn or two of the wire, and the end of the latter fastened by means of a tack driven into the wood of the handle. Another piece of plush or similar covering, *d'*, is applied over and secured to the covering *d* in the same manner, at its lower end, as the covering *d* is secured to the handle, and the covering *d'* is further secured to the handle at intervals by wires *a'' a''*. (See Fig. 1.) A cap-piece, *e*, covered with a material similar to that used for covering the handle, although preferably of a different color, is then secured upon the end of the handle by the tack *e'*, which is driven down through the cap into the wood of the handle, and in its passage going through one end of the loop *b'*, securing the latter as well as the cap to the handle.

The bands or ferrules *f* and *f'* are slipped into place upon the handle over the wires *a''* before the cap *e* is secured. These bands may be plain or ornamented, and more or less in number, as suits the market or fancy of the manufacturer.

The band *f*, coming directly over the head of the tack which holds the end of the wire, prevents it from being withdrawn or breaking, and gives a finished appearance to the end of the handle.

By the above-described construction and arrangement of the parts the handle *b* and broom-stock *a* are secured to each other by means of the inner plush covering, *d*, and the continuous wire wound around them and some distance up the handle and over the inner plush covering, where it is secured as described, while the outer plush covering, *d'*, attached to the stock-handle and inside plush covering by the bands of wires at *a' a''*, (the latter surrounded by ferrules,) greatly increases the security of the fastenings, prevents the unwinding of the wires, and also, in connection with the cap *e*, gives a more finished appearance to the broom.

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

The whisk-broom herein described, consisting of the handle or central block, *b*, stock *a*,

arranged around said block, the latter covered by plush *d*, secured thereto by a continuous wire, covered by the outer plush, *d'*, wired at intervals to the inner plush, *d*, and central
5 block, and the latter wires covered by bands *f f'*, and the handle also provided with the plush cap *e* and loop *b'*, as herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 11th day of August, 1879.

HENRY BRADT.

Witnesses:

GEO. W. FEATHERSTONLAUGH,
CHARLES A. AVERY.