J.S. Tilton Improved Sleeve for Brushes.

74258

PATENTED
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FIG. 1.

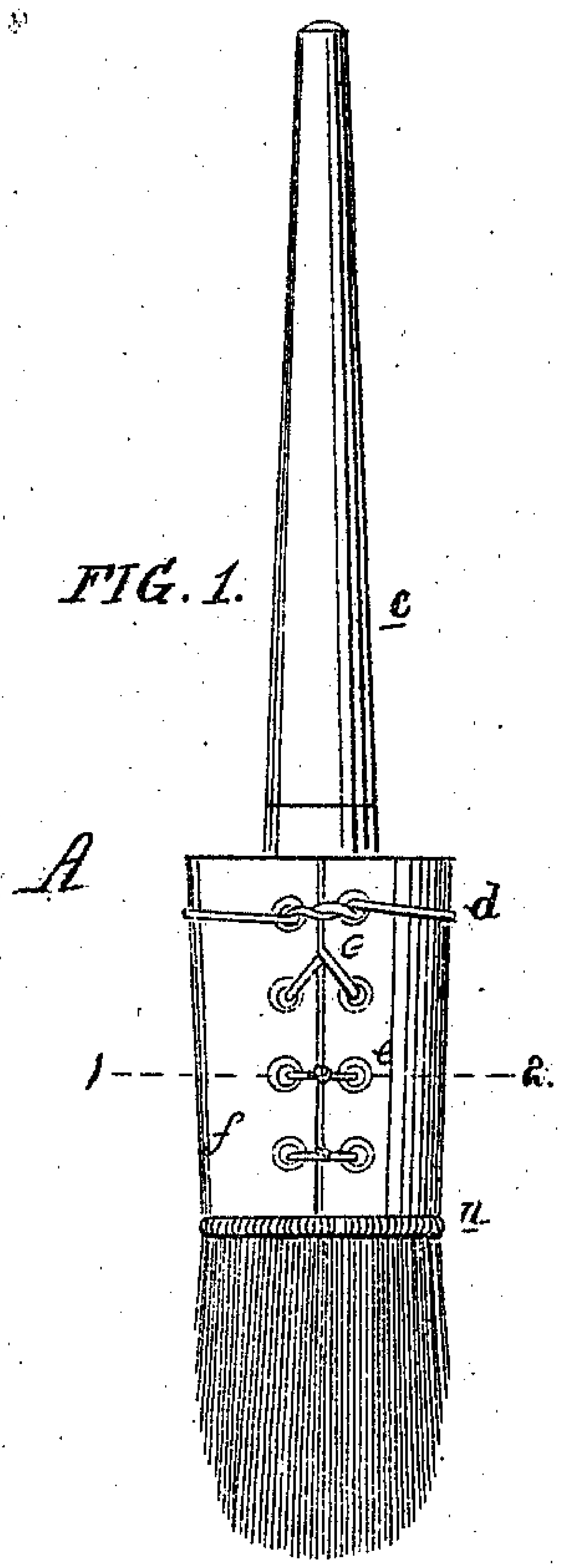


FIG. 2.

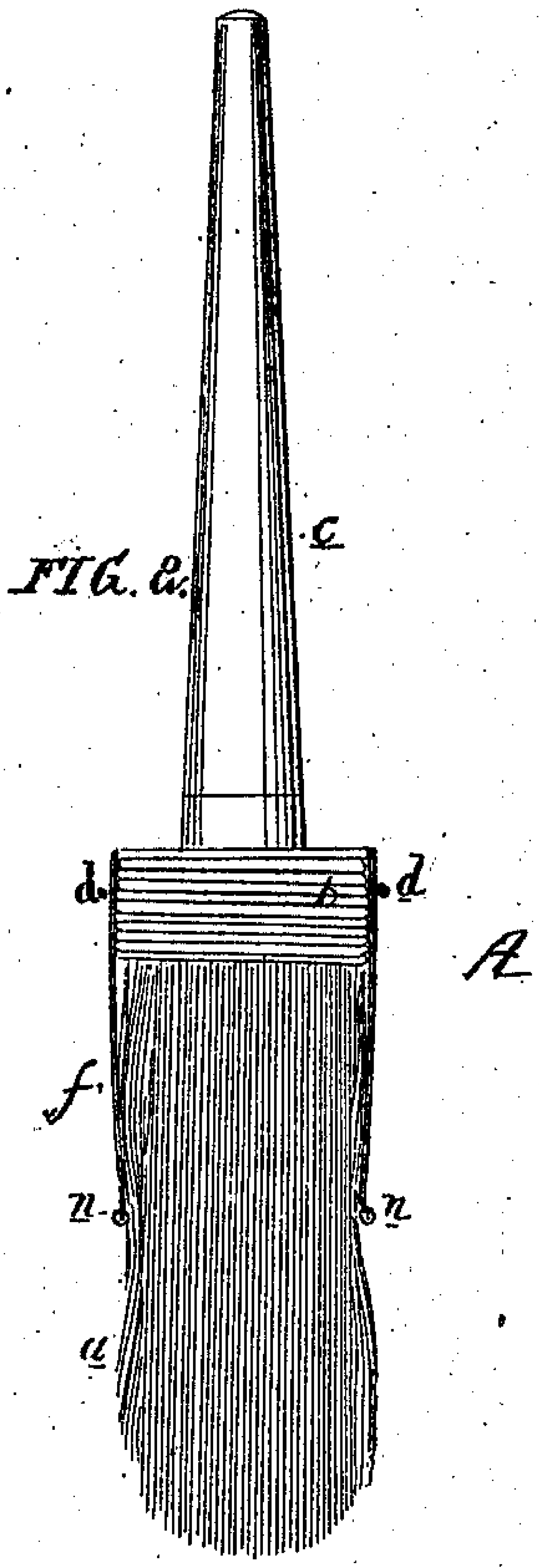
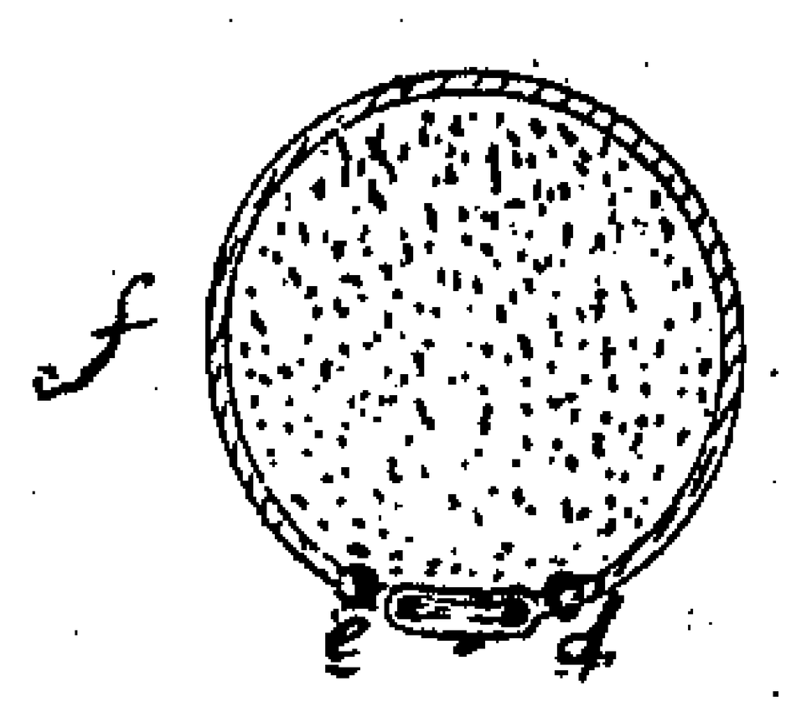


FIG. 3.



Witnesses { Wm Albert Steel. / Rowbotham

J. S. Tilton
By his Atty
H. Howson

United States Patent Office.

JOHN S. TILTON, OF PHILADELPHIA, PENNSYLVANIA.

Letters Patent No. 74,258, *dated February* 11, 1868.

IMPROVED SLEEVE FOR BRUSHES.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, JOHN S. TILTON, of Philadelphia, Pennsylvania, have invented an Improved Sleeve for Brushes; and I do hereby declare the following to be a full, clear, and exact description of the same.

My invention consists of a sleeve for paint-brushes, composed of a tube of canvas or equivalent material, having, at the lower edge, an annular metal spring, which confines the sleeve to the brush without being injuriously affected by the materials into which the brush is introduced.

In order to enable others skilled in the art to make and apply my invention, I will now proceed to describe its construction and operation, reference being had to the accompanying drawing, which forms a part of this specification, and in which—

Figure 1 is an exterior view of part of a paint-brush with my improved sleeve.

Figure 2, the same partly in section, and

Figure 3 a section on the line 1 2, fig. 1.

A is a brush, the hairs or bristles composing which are bound together at their upper end, and are secured to a handle, *c*, by a cord or wire, *b*, in the usual manner. The upper part of the brush is enclosed by a sleeve, *f*, consisting, in the present instance, of a strip of canvas, the edges of which are secured together by a lace, *d*, passing through openings, *e*, in the strip, the said lace being also lapped round the sleeve, near its upper end, so as to confine the same more securely to the brush. At the lower edge of the sleeve is an annular spring, *n*, of coiled wire, the said spring being of such a size that, while it may be expanded so as to pass readily over the brush, it will, on contracting, confine the lower edge of the sleeve closely to the mass of bristles. As these bristles wear away, the lace is loosened, and the sleeve is raised, to be again tightened by the lace after adjustment, the portion of the sleeve which projects above the top of the brush being cut away.

The loss which results from reducing the length of the mass of bristles, in order to impart sufficient rigidity to the brush, may be prevented by the use of the above-described sleeve, which imparts the desired rigidity to the brush, and yet permits the bristles to bend to the limited extent desired.

Sleeves or bridles, composed entirely of elastic material, have hitherto been used, but are inefficient, inasmuch as the paint or varnish destroys the elasticity of the sleeve. It will be apparent that a sleeve consisting of a tube of canvas, or its equivalent, and having at its lower edge an annular metal spring, will retain its efficiency as long as it is used.

If desirable, the lace may be dispensed with, and a sleeve consisting of a section of continuous tubular fabric may be employed.

I claim as my invention, and desire to secure by Letters Patent—

A sleeve, consisting of a tube or strip of canvas or equivalent material, having at its lower edge an annular metal spring, *n*, as and for the purpose described.

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

JNO. S. TILTON.

Witnesses:

CHARLES E. FOSTER,

W. J. R. DELANY.