

No. 713,827.

Patented Nov. 18, 1902.

E. S. WINN.
DUSTING BRUSH.

(Application filed June 29, 1901.)

(No Model.)

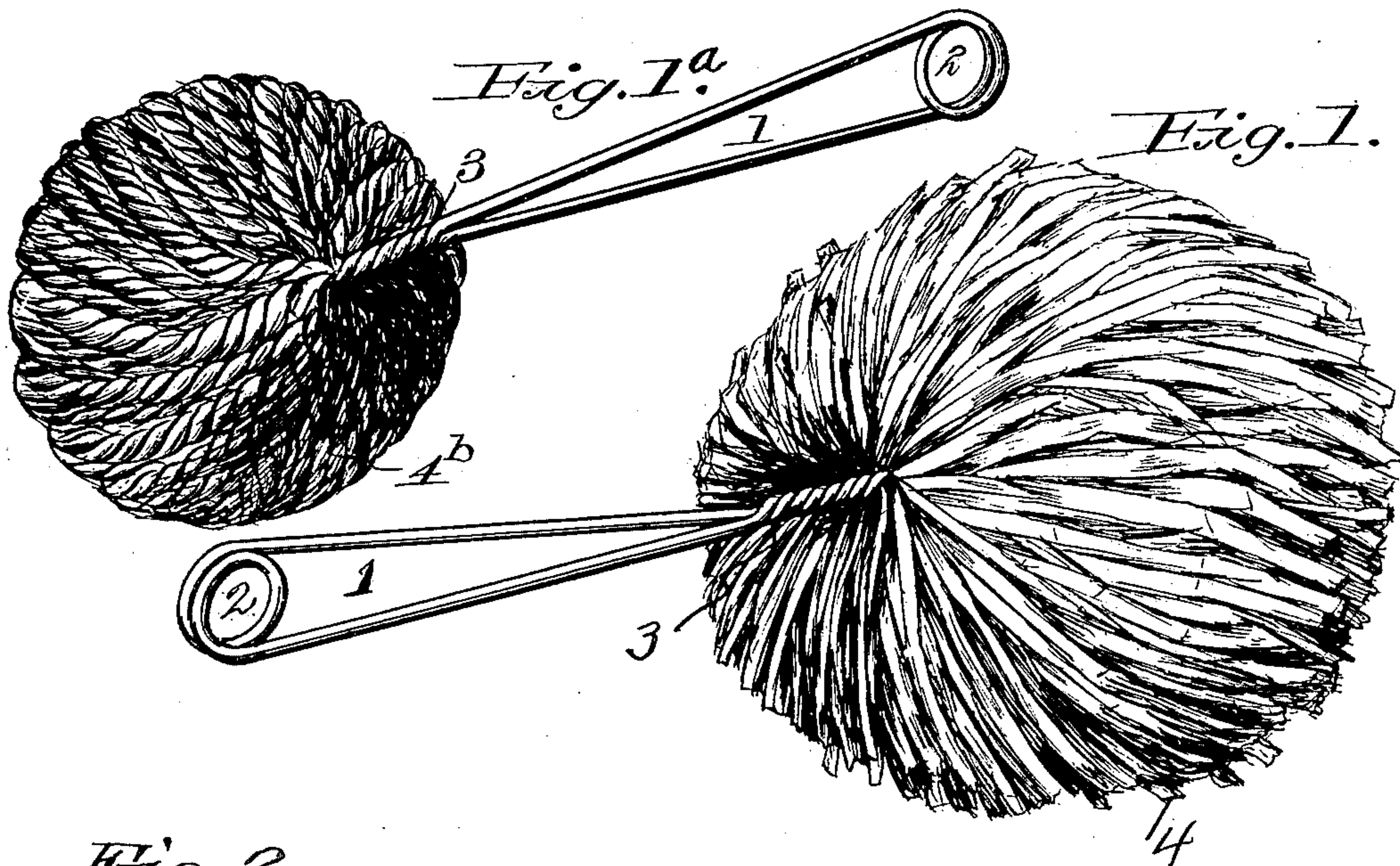


Fig. 2.

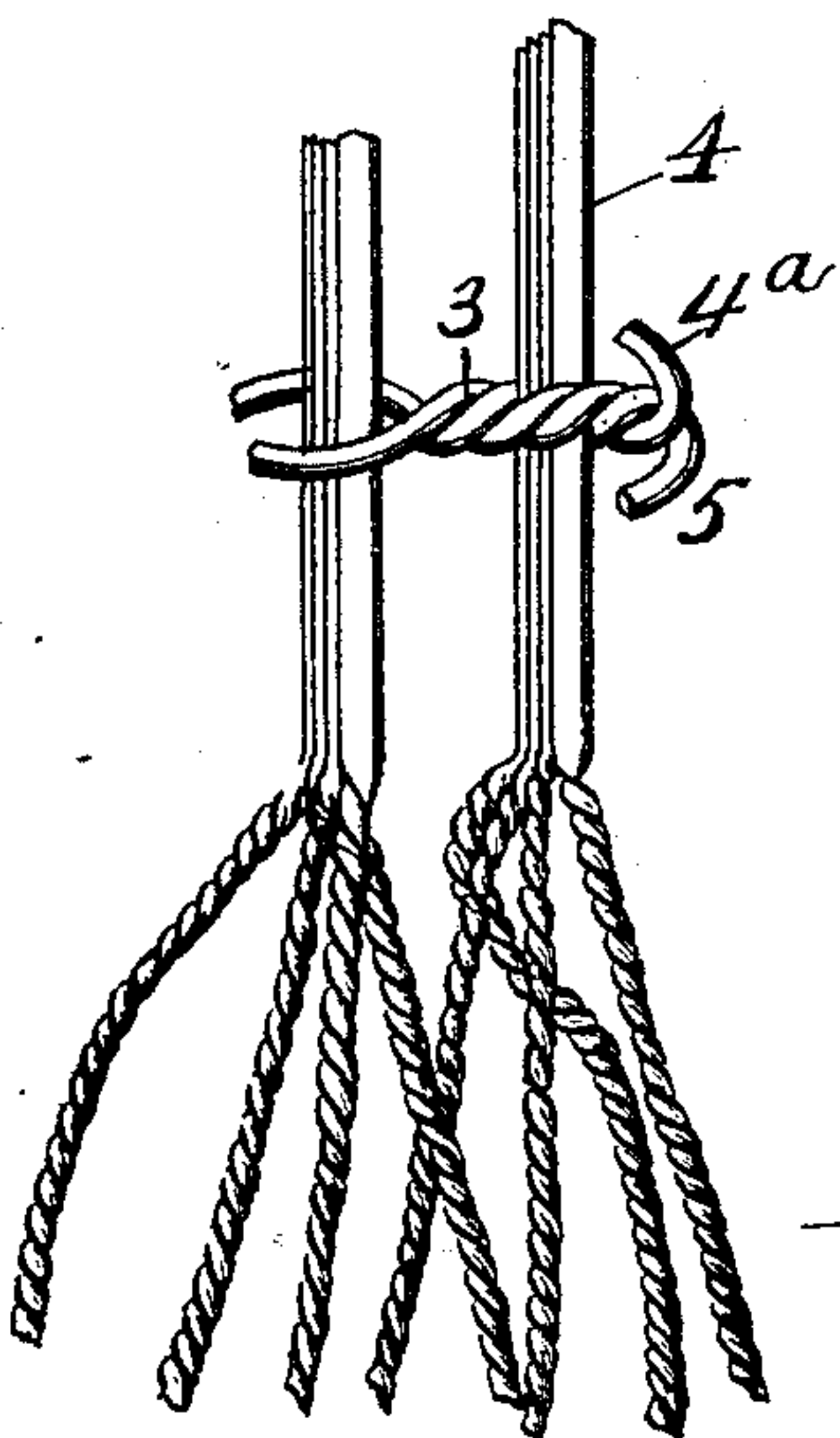


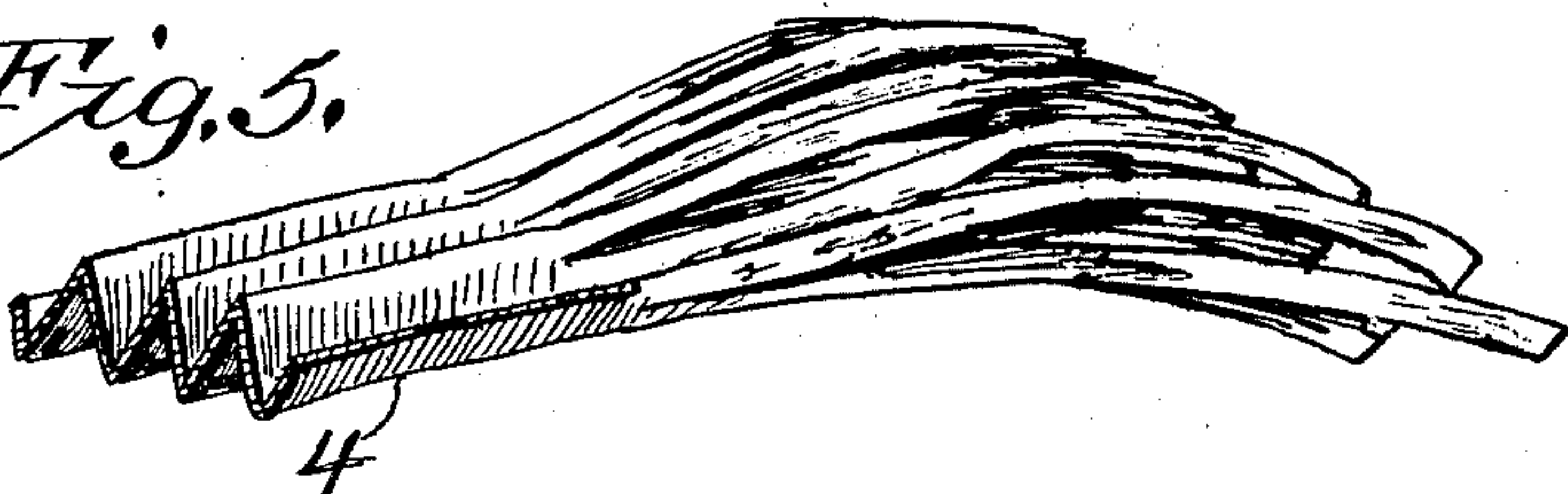
Fig. 3.



Fig. 4.



Fig. 5.



Witnesses
Edgar M. Lyons
James S. Burlingame

Inventor
Elisha S. Winn
Frank A. Appelman
Attorney

UNITED STATES PATENT OFFICE.

ELISHA S. WINN, OF JACKSON, GEORGIA, ASSIGNOR TO R. N. FICKETT, SR.,
AND R. N. FICKETT, JR., OF ATLANTA, GEORGIA.

DUSTING-BRUSH.

SPECIFICATION forming part of Letters Patent No. 713,827, dated November 18, 1902.

Application filed June 29, 1901. Serial No. 66,522. (No model.)

To all whom it may concern:

Be it known that I, ELISHA S. WINN, a citizen of the United States of America, residing at Jackson, in the county of Butts and State of Georgia, have invented certain new and useful Improvements in Dusting-Brushes, of which the following is a specification.

This invention relates to dusting-brushes; and it has particular relation to a brush in which strips of paper are bound together to form a duster.

The object of the invention is to produce a dusting-brush in which feathers, which usually draw and are cut and damaged by moth, may be dispensed with and to provide a dusting-brush which will not deposit lint or other fiber when in use.

Furthermore, the object of the invention is to provide a dusting-brush which will in a great measure dislodge the dust without coming in contact with the surface of the object operated upon, as the movement of the air caused by the brush will accomplish the result.

Furthermore, the object of the invention is to produce a brush-handle and in combination therewith brush-forming strips which will prove durable and which will not scratch the object being dusted.

Finally, the object of the invention is to produce a dusting-brush possessing advantages in points of simplicity, efficiency, and inexpensive production.

With the above and other objects in view the invention consists in the details of construction and in the arrangement and combination of parts to be hereinafter more fully set forth and claimed.

In describing the invention in detail reference will be had to the accompanying drawings, forming a part of this specification, wherein like characters denote corresponding parts in the several views, and in which—

Figure 1 is a view in perspective of a dusting-brush embodying the invention. Fig. 1^a is a similar view showing ends of the strips twisted. Fig. 2 is a fragment of the securing-wires embracing strips of paper. Figs. 3 and 4 are views showing the strips twisted. Fig. 5 is a perspective view of a strip folded.

In the drawings, 1 indicates the handle of

the brush, which comprises a single wire bent on itself approximately centrally and coiled to form an eye 2, although it will be understood that various configurations may be imparted to the handle to produce an artistic effect or for practical purposes. After being bent on itself the wire is twisted, as shown at 3, in order to confine and fasten the strips of paper 4, which are secured centrally their length by the action of the twisted wire. By having the central portion broad and then folded, as shown in Fig. 5, with the strips in the end the paper will have prolonged durability. The protruding ends are of such length as to form an approximately round or elongated brush. The strips if produced from a good quality of paper will be found to possess strength and durability equal to that of the ordinary feather brushes, while, as before stated, it will not be attacked by moth or otherwise damaged, except that sustained incident to its use.

In the modification shown in Figs. 3 and 4 the paper strips 4^b may be twisted to increase their strength, in which case a wider strip or an increased number of strips may be employed to produce a brush of a given size. This last-mentioned expedient is resorted to only where unusual durability is sought. After the two ends of the wire are twisted to confine the strips of paper their extremities are formed into hooks 4^a and 5, which are made to engage for retaining the parts in position to hold the strips.

From an inspection of the drawings and from the foregoing description it will be observed that a dusting-brush of this character will be equal in durability to the ordinary feather dusting-brushes, and it has further advantages in that it is symmetrical throughout, and by the use of variegated paper attractive effects may result.

The construction and advantages will, it is thought, be apparent from the foregoing description, it being noted that changes may be made in the proportions and other details of construction for successfully carrying the invention into practice.

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

1. In a dusting-brush, a handle comprising
a wire bent on itself and paper strips fas-
tened approximately centrally their length,
said strips being composed of folded portions
5 with divided ends and said wire being twisted
on itself to clamp the strips, as and for the
purpose described.

2. In a dusting-brush, a handle comprising
a wire bent on itself, paper strips having
10 twisted ends, fastened approximately cen-

trally their length by the wire handle, said
wire being twisted to clamp the strips, sub-
stantially as described.

In testimony whereof I affix my signature,
in the presence of two witnesses, this 2d day 15
of June, 1901.

ELISHA S. WINN.

Witnesses:

R. L. DAUGHTRY,

H. L. DAUGHTRY.