

(No Model.)

M. S. W. BROWN.

DUSTING BRUSH.

No. 259,807.

Patented June 20, 1882.

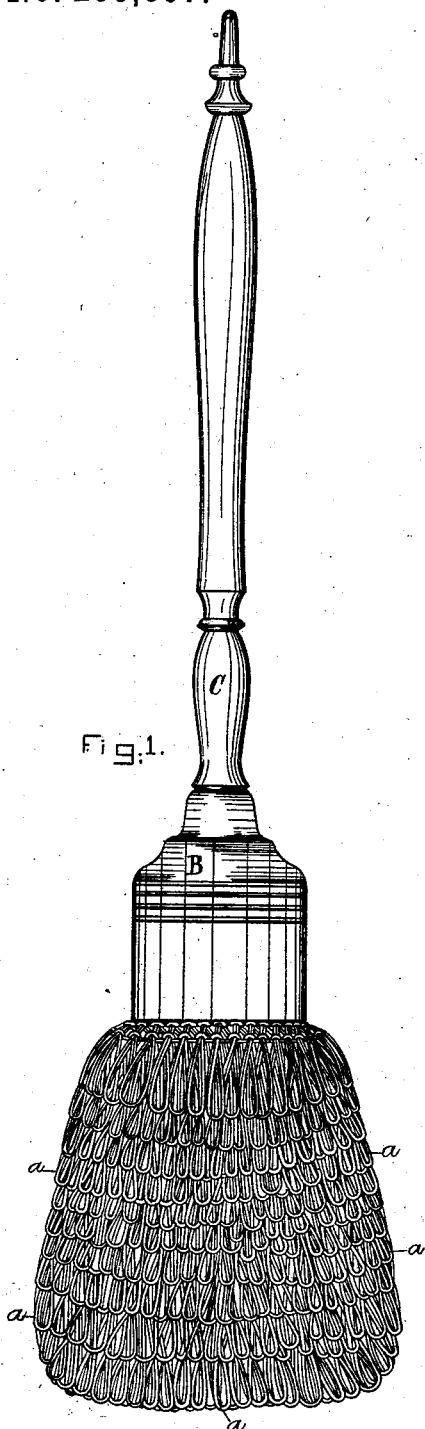


Fig. 1.

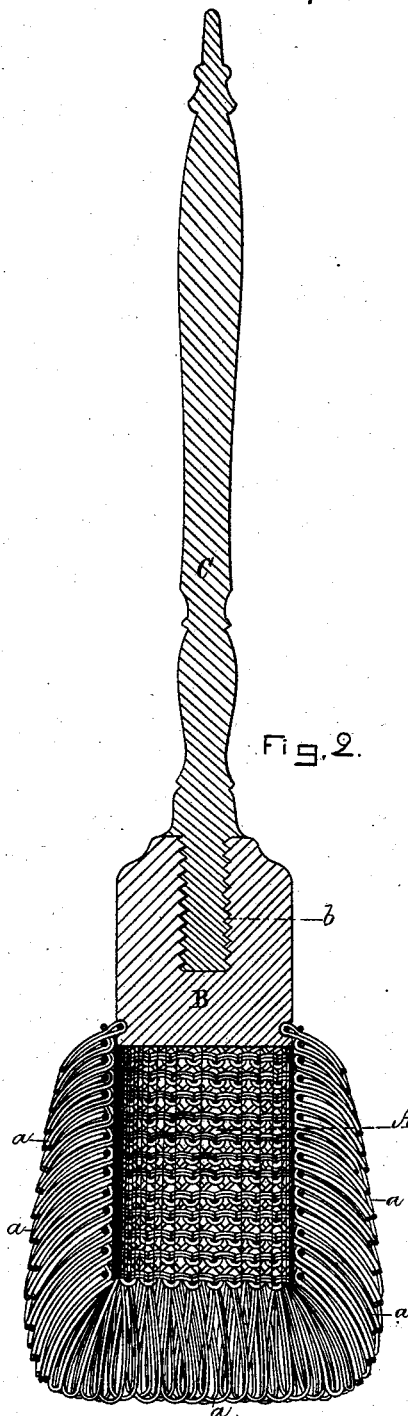


Fig. 2.

Witnesses.

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Inventor

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*att'y*

# UNITED STATES PATENT OFFICE.

MARY S. W. BROWN, OF BOSTON, MASSACHUSETTS.

## DUSTING-BRUSH.

SPECIFICATION forming part of Letters Patent No. 259,807, dated June 20, 1882.

Application filed March 24, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, MARY S. W. BROWN, of Boston, in the county of Suffolk and State of Massachusetts, have invented a new and useful Improvement in Dusters, of which the following is a specification.

My invention relates to improvements in dusters, more particularly for removing the dust from painted or polished surfaces; and it consists in a dusting-brush formed of loosely-twisted loops of soft yarn or the like attached to one side of a band, which is bent and secured in a suitable shape and attached to a suitable handle.

The object of my invention is to provide a cheap, simple, and efficient device for removing the dust from delicate surfaces without injuring them, and which will collect and hold the dust so removed instead of removing it from one place only to float in the air and settle somewhere else, as is the case with dusters heretofore used.

In the accompanying drawings, Figure 1 is an elevation, and Fig. 2 a sectional view, of my improved duster.

The band A, of soft large yarn or the like, is knit in a well-known way, so as to leave a number of loops, *a*, on one side, and is bent and secured to a tubular shape. A block, B, of wood or other suitable material, is fitted and secured to one end of the tube, formed as above stated, and is provided with a socket, *b*, or the like, for attaching it to a suitable handle, C, which may be as shown in the drawings, when the duster is used for some purposes, or may be made longer when it is used for dusting walls and ceilings.

Heretofore in dusting painted or polished surfaces cloths or feather-dusters were required to avoid scratching or otherwise injuring the delicate surfaces. The former are inconvenient and unsightly and the latter too expensive for general use, and both have the serious defect of merely dislodging the dust from one place, causing it to fill the air and finally distribute itself in other places. To obviate these difficulties and provide a cheap, efficient, and slightly duster, that can be used without danger

of injuring painted, polished, or other delicate surfaces, and that will collect and hold the dust instead of merely displacing and scattering it, I use soft large yarns, knit or otherwise formed in a band of the requisite width and length to be bent to a tubular shape, and having a number of loosely-twisted loops on its exterior surface. These loops may be made one or more to each stitch, or as often as desired, and being soft and loose, with ends more or less open, they take up and hold the dust so that it can be shaken out at any desired place instead of being scattered and disseminated, as is the case with the dusters heretofore used. For this reason, also, the loosely-twisted loops are much superior to straight yarns. These, however, could not be used when the brush was inverted for dusting ceilings and the like, in which case they would hang down so much as to be useless; but when looped, as in my improved duster, they merely sag slightly and still present the soft looped ends to the ceiling. The tube is made of the proper length to form a well-shaped brush, and is entirely covered by the looped ends hanging from its outer surface, and when secured to the block B and provided with a suitable handle forms a duster that will not injure the most delicate surface, that will collect and hold the dust, that will be very durable, as it can be washed when necessary without injury, and its cost is trifling as compared to that of a feather-duster. The joint where the block B is attached to the tube is suitably covered to give a finished appearance to the device.

I claim as my invention—

In a knit duster, the combination, substantially as hereinbefore set forth, of the band A, knit with loops, as described, and made into a tubular shape, and the block B, adapted to receive a suitable handle, and to which the band A is secured with the loops outside, as and for the purposes set forth.

MARY S. W. BROWN.

Witnesses:

G. B. MAYNADIER,  
JOHN R. SNOW.