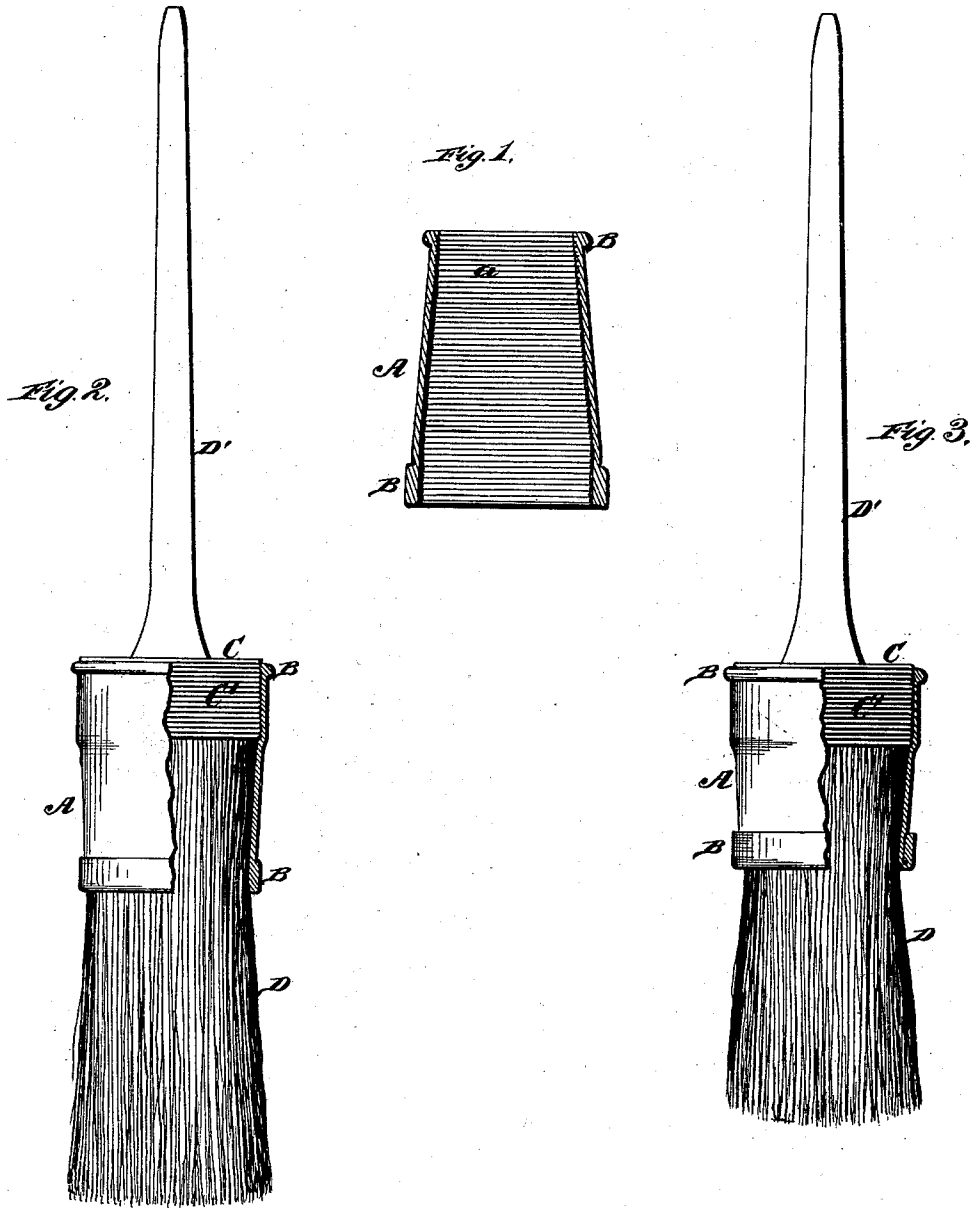


M. W. MARSDEN.
Paint-Brush Bridle.

No. 209,279.

Patented Oct. 22, 1878.



WITNESSES
Robert Smith
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UNITED STATES PATENT OFFICE.

MARK W. MARSDEN, OF CONNELLSVILLE, PENNSYLVANIA.

IMPROVEMENT IN PAINT-BRUSH BRIDLES.

Specification forming part of Letters Patent No. 209,279, dated October 22, 1878; application filed October 4, 1878.

To all whom it may concern:

Be it known that I, MARK W. MARSDEN, of Connellsville, in the county of Fayette and State of Pennsylvania, have invented a new and valuable Improvement in Paint-Brushes; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a longitudinal central section of my brush, and Figs. 2 and 3 are face views of the same broken away to show my improvements.

My invention relates to brushes for painting and the like; and the novelty consists in the construction and arrangement of parts, as will be more fully hereinafter set forth, and pointed out in the claim.

My invention is designed as an improvement upon the device shown in patent of George Hergesheimer, of February 11, 1868, No. 74,224, and to that end consists in a rubber bridle of conical form, the inner surface of the smaller end being provided with circumferential corrugations adapted to engage the wires on the body of the ordinary brush and furnish a firm hold. The larger end is provided with a deep bead, which holds the

bristles tightly, and it is adapted to be turned up when the brush becomes worn.

The advantage of the conical form is, that while it affords sufficient bristle room it binds on the wired body with sufficient tenacity to prevent displacement arising from the severe reverse manipulations of the brush. The internal corrugations engage with the wires and secure a firm hold.

Referring to the drawings, A represents the bridle of conical form, provided with internal corrugations, *a*, and B represents the bead. C represents the body of the brush, wound with wires at C, as usual. D represents the bristles, and D' the handle. The bridle is made of soft elastic rubber.

What I claim as new, and desire to secure by Letters Patent, is—

The brush-bridle A, of flexible rubber, of conical form, provided with internal serrations or corrugations, *a*, and bead B, constructed as shown and described.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

MARK WORSNOP MARSDEN.

Witnesses:

J. E. RITENOUR,
WILLIAM VANCE.