

J. Ames,

Brush.

No. 112,404.

Patented Mar. 7. 1871.

Fig. 1

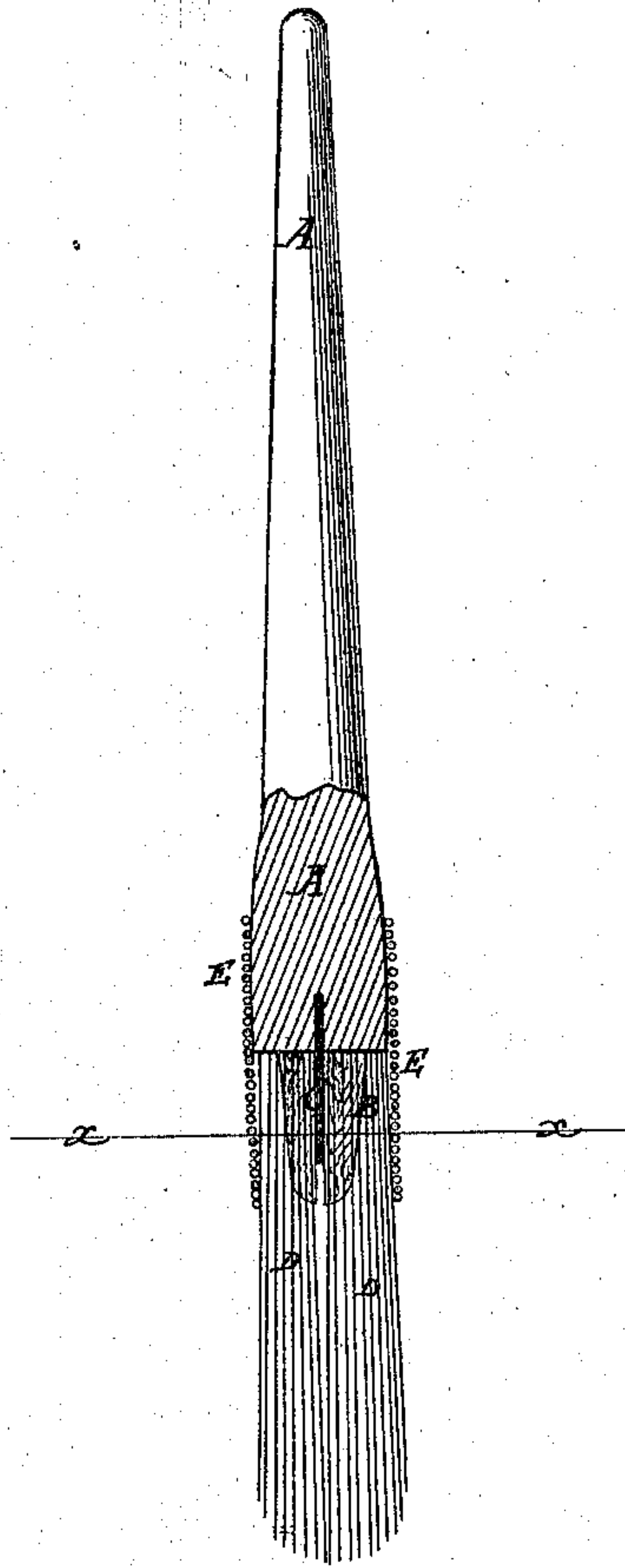


Fig. 2



Witnesses:

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United States Patent Office.

JOHN AMES, OF LANSINGBURG, NEW YORK.

Letters Patent No. 112,404, dated March 7, 1871.

IMPROVEMENT IN 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 AMES, of Lansingburg, in the county of Rensselaer and State of New York, have invented a new and useful Improvement in Brushes, and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification.

Figure 1 is a side view of my improved brush, partly in section, to show the construction.

Figure 2 is a detail sectional view of the same taken through the line *x x*, fig. 1, the bristles being removed.

Similar letters of reference indicate corresponding parts.

My invention has for its object to improve the construction of the paint-brushes known as sash-brushes, which shall be equally applicable to shaving-brushes, and brushes for other purposes, and which shall produce stronger, better, and more durable brushes than those made in the ordinary manner; and—

My invention consists in an improved mode of constructing and combining the several parts of the brush.

A is the handle of the brush.

The side ears B, between which the bristles are placed, are slotted longitudinally through their centers, as shown in figs. 1 and 2. In the slots thus formed is placed a plate, C, with its edge resting

against or let into the body of the handle A. The plate C may be made of metal, wood, or other suitable material.

If desired, the ears B need not be slotted, the plate C being made round, or of such a shape that it will form a groove for itself in the inner surfaces of the ears B; or the bridge may be let into the handle sufficiently far to be supported independent of the ears B, or the plate may be made so as to form a part of the handle.

The bristles D are placed between the ears B and upon both sides of the plate C, and are secured by pitch, cement, or other suitable adhesive material. The brush is then wound with cord E in the ordinary manner. This construction prevents the butts of the bristles from being jarred from their seat by a sudden blow or by pressure, and thus prevents the coil of cord, E, from being parted or started out of place, making the brush much stronger and more durable.

Having thus described my invention,

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

The handle A, slotted side ears B, plate C, and bristles D, combined as described to form an improved sash-brush.

JOHN AMES.

Witnesses:

EUGENE HYATT,
A. C. COMSTOCK.