

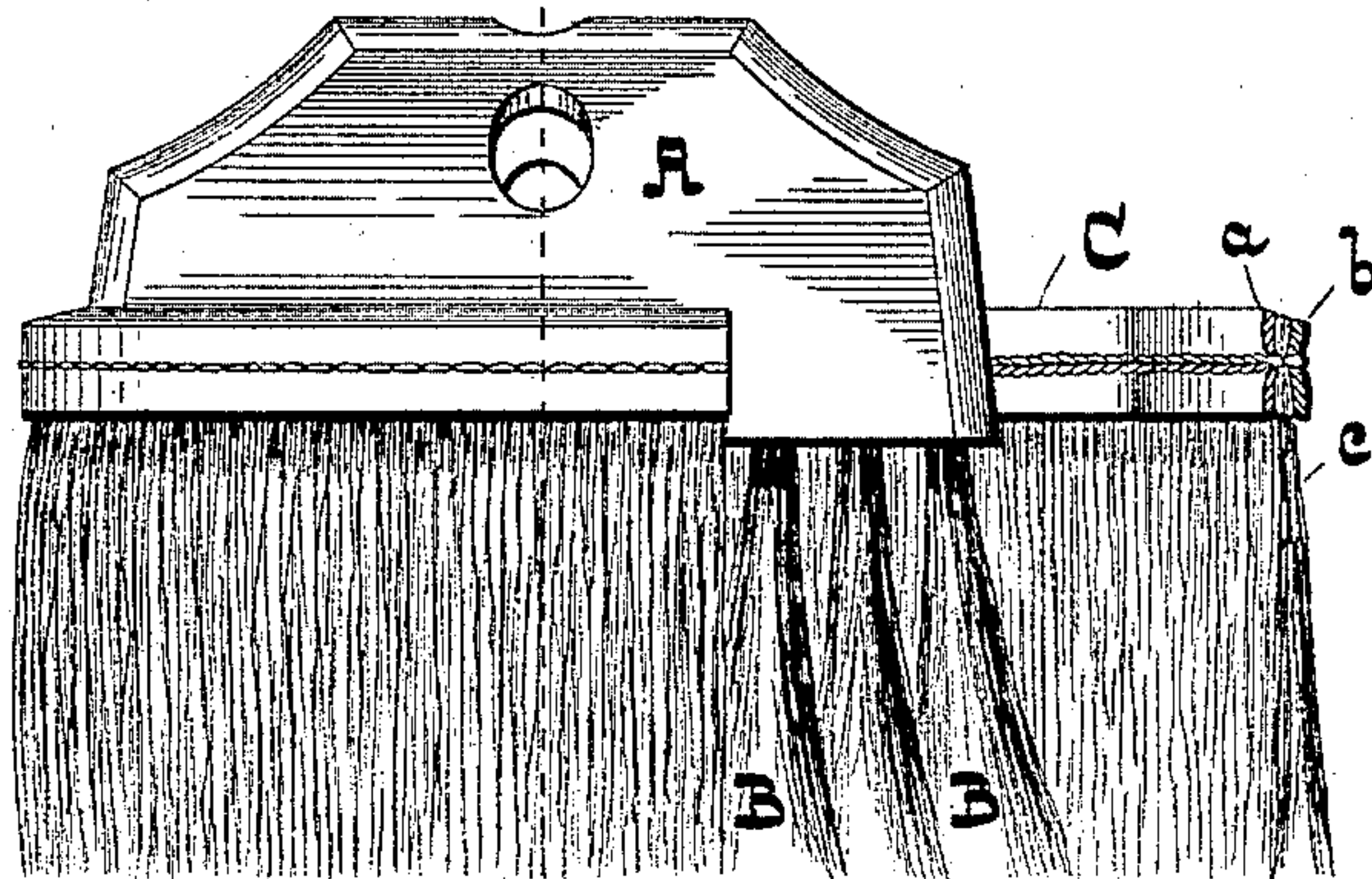
(No Model.)

J. W. ORAM.
WHITEWASH BRUSH.

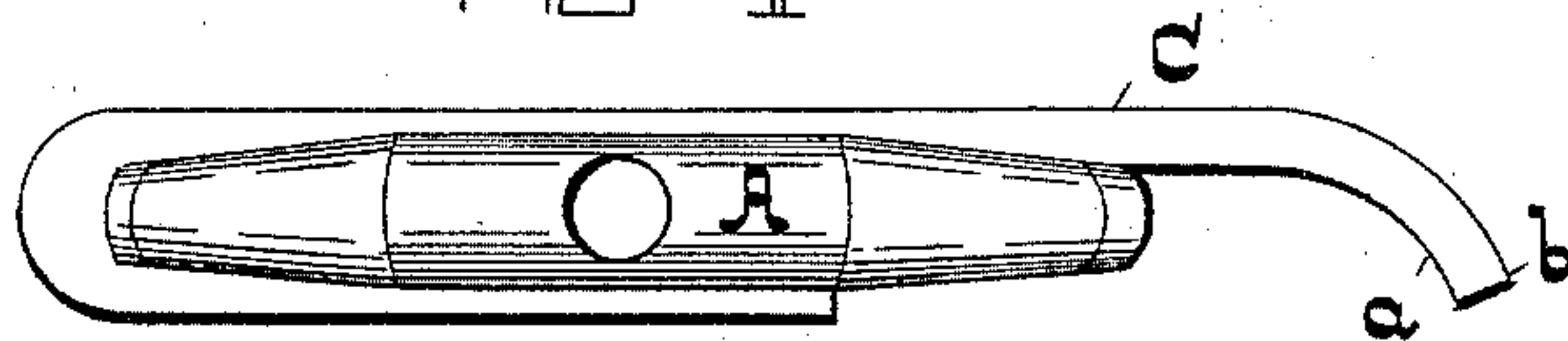
No. 448,667.

Patented Mar. 24, 1891.

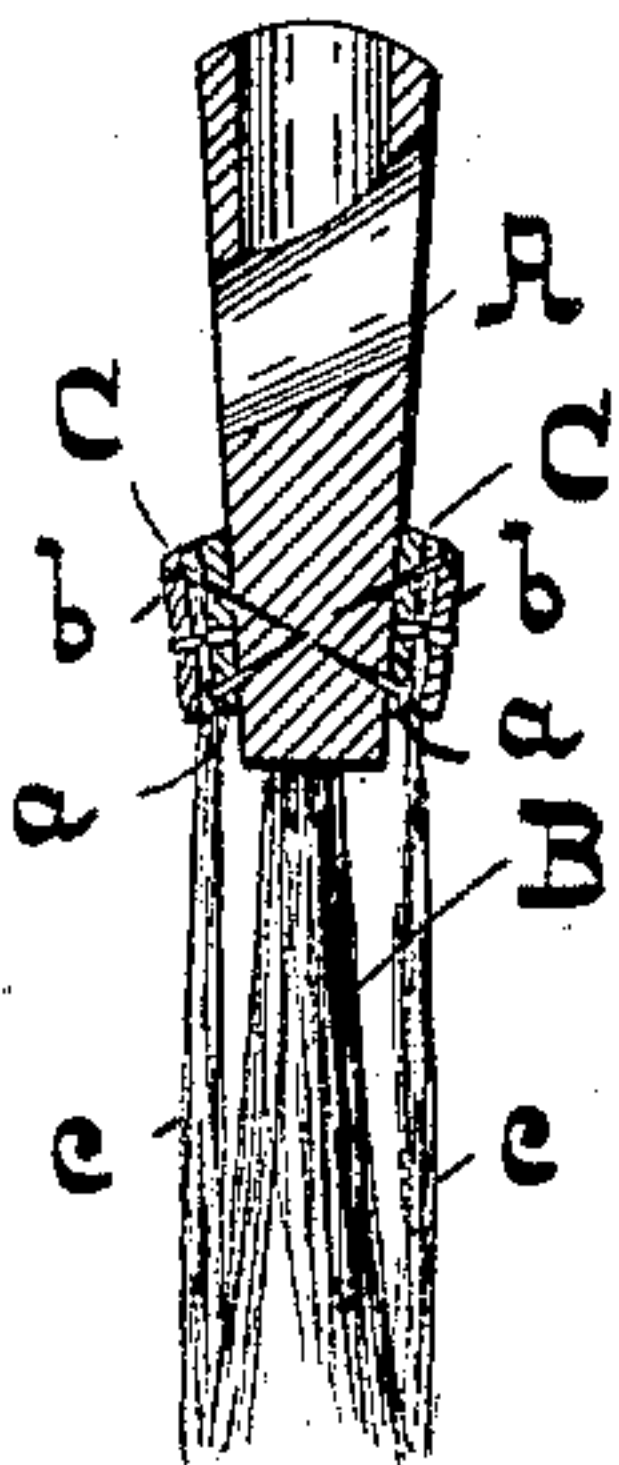
- FIG I -



- FIG II -



- FIG III -



- WITNESSES -

Don't Fisher
Jas Sparklin

- INVENTOR -

John W. Oram
by G. H. H. Howard
Atty.

UNITED STATES PATENT OFFICE.

JOHN W. ORAM, OF BALTIMORE, MARYLAND, ASSIGNOR TO CHARLES W. LORD & CO., OF SAME PLACE.

WHITEWASH-BRUSH.

SPECIFICATION forming part of Letters Patent No. 448,667, dated March 24, 1891.

Application filed June 22, 1888. Renewed August 28, 1890. Serial No. 363,248. (No model.)

To all whom it may concern:

Be it known that I, JOHN W. ORAM, of the city of Baltimore, in the State of Maryland, have invented certain Improvements in Whitewash-Brushes, of which the following is a specification.

Whitewash-brushes as sometimes constructed have their bristles applied directly to the surface of the block and secured thereto by means of a strip of leather, which is nailed over them. When in a brush of this description the block is swollen by moisture, the holding-band is stretched and permanently lengthened, and as the block assumes its original size in drying the width of the bristle-space is widened and the bristles become loose. To obviate this difficulty I cement the outer bristles of the brush between two strips of leather with their butts exposed and firmly hold them in place by means of a row of stitches. The bristle-band is then placed around the block and securely nailed thereto.

With my improved construction of brush the swelling of the block may stretch the band, but it has no effect on the bristles, as they are still held between the two strips of leather.

In the further description of the said invention which follows reference is made to the accompanying drawings, forming a part hereof, and in which—

Figure I is a side view of the improved brush with a portion thereof detached, so as to show the construction of the interior. Fig. II is a top view of Fig. I. Fig. III is a section of Fig. I, taken on the dotted line $x x$.

Similar letters of reference indicate similar parts in all the figures.

In the said drawings, A represents the block, and B the inner tufts of bristles secured thereto in the usual manner.

C is a band formed of two strips of leather a and b , between which are placed the layer of bristles c . The bristles are cemented between the strips of leather with their butts even with the edge, so as to be exposed and admit of their being covered with a preparation to keep out the moisture, as hereinafter alluded to. After the cementing of the bristles between the strips of leather the band is completed by a longitudinal row of stitches, which draws the two strips tightly together and prevents any independent movement of the bristles. The bristle-band formed as described is then nailed to the block and its upper edge covered with the water-proof composition before mentioned to keep moisture from the butts. Another reason for bringing the butts of the bristles even with the edge of the strips is to make the strips parallel with each other or the band of a common thickness throughout.

In Figs. I and II a part of the band is shown as detached from the block, so as to expose its end and to show the stitches which hold the two strips together.

While I prefer leather as the material of the strips, I do not restrict myself to its use.

I claim as my invention—

In a whitewash-brush, the block thereof having tufts of bristles, as shown, combined with a bristle-band formed of two flexible strips with a layer of bristles cemented between them with their butts exposed at the edge and secured together with a row of stitches, the said band being fastened to the exterior of the said block, substantially as and for the purpose specified.

JOHN W. ORAM.

Witnesses:

DANL. FISHER,
JNO. T. MADDOX.