

(No Model.)

W. H. SHEELER.
WHITEWASH BRUSH.

No. 288,187.

Patented Nov. 6, 1883.

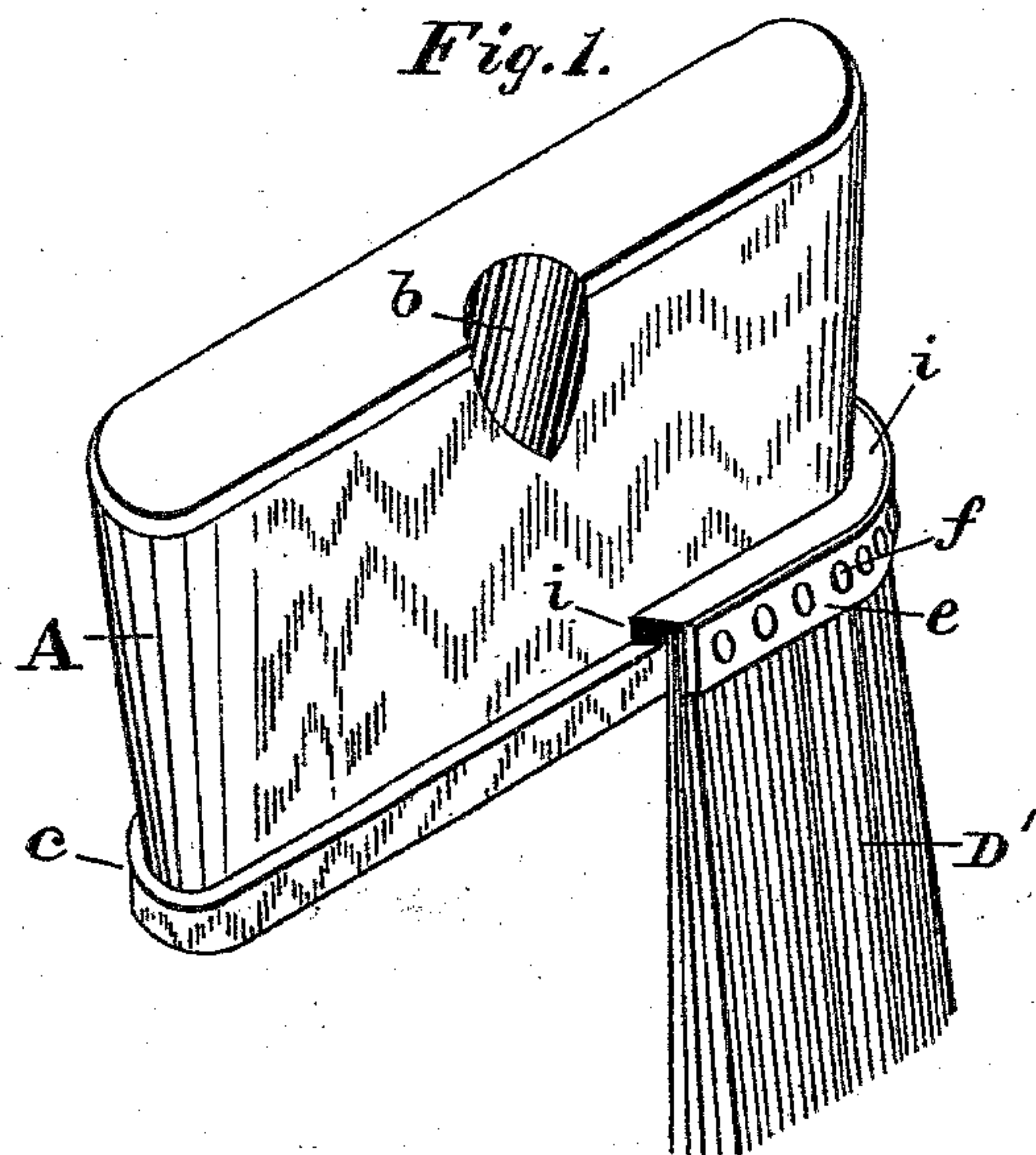
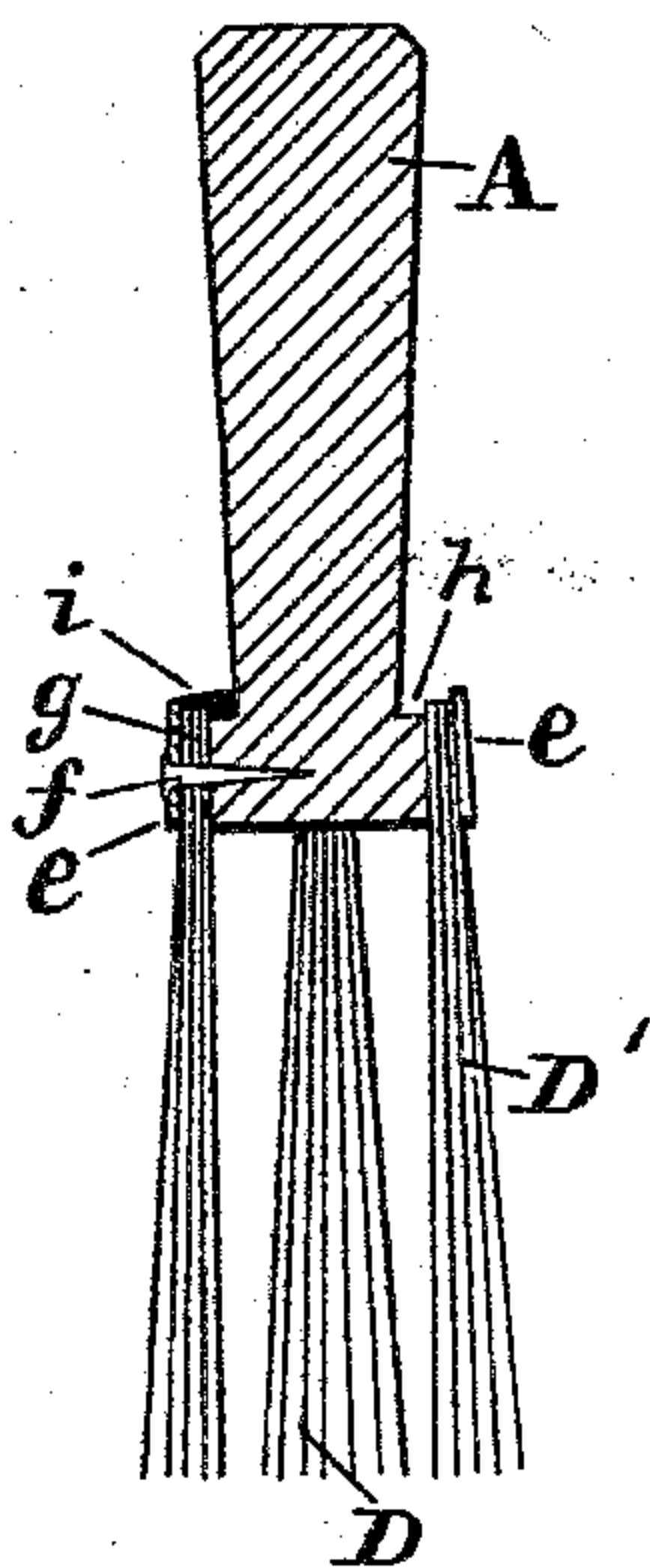


Fig. 2.



Witnesses:
A. C. Eader.
Jno. Edward Morris.

Inventor:
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Attorney.

UNITED STATES PATENT OFFICE.

WILLIAM H. SHEELER, OF BALTIMORE, MARYLAND, ASSIGNOR TO
WM. A. TOTTLE, OF SAME PLACE.

WHITEWASH-BRUSH.

SPECIFICATION forming part of Letters Patent No. 288,187, dated November 6, 1883.

Application filed June 18, 1883. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. SHEELER, a citizen of the United States, residing at Baltimore, State of Maryland, have invented certain new and useful Improvements in Whitewash-Brushes, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to certain improvements in whitewash-brushes, and will first be described, and then designated in the claim.

By the construction hereinafter described provision is made for the more thorough cementing of the upper ends of the outer bristles.

In the drawings hereto annexed, Figure 1 is a perspective view of the block, to which bristles are attached at one end only. Fig. 2 is a vertical section of the brush.

The letter A designates the block, the top edge of which has a hole, *b*, as usual, for the insertion of the end of a handle, and the lower edge of which has a shoulder, *c*, projecting therefrom. This shoulder, as shown, projects all around—that is, from the broad sides and ends—and said shoulder is solid or integral with the rest of the block. The bristles D are secured to the lower edge of the block, as usual, and the outer bristles, D', are secured to and on the side of the projecting shoulder. A band or strip, *e*, of leather or other material, is placed over the upper part of the bristles, and tacks *f* are driven through the band and bristles into the side of the projecting shoulder. The upper ends, *g*, of the outer bristles project slightly above the top surface of the shoulder, and said upper ends are trimmed off evenly. By means of the shoulder *c* and the attachment of the outer bristles directly on the side of the shoulder, there is left exposed adjoining the upper ends of the bristles a sort of a channel, *h*, or a top surface on the shoulder, all around the block. This channel or top surface of the shoulder serves as a lodgment for cement *i*. The cement is applied to this channel, the result of which is, the outer row, D', of bristles has the inner side of its upper projecting end, *g*, cemented, and also the trimmed upper ends, *g*,

of the bristles are at the same time covered with cement. As the cement is applied hot on the top surface of the wood shoulder, it readily takes effect on the upper ends of the bristles, and the top of the shoulder affords a grip or lodgment for the cement not hitherto attained in brushes of this class. The result of this thorough cementing of the upper ends of the outer bristles is to protect them from the action of liquids and insure their longer retention to their position. The brush, therefore, is not only a superior brush, but is much improved in appearance.

I am aware that in the manufacture of brushes it is common to apply cement to the bristles in attaching them to the wood block, and also that whitewash-brushes have heretofore been made with a strip of wood applied to or a ledge formed on the sides of the block, and that in such cases the bristles have been placed across such strip or ledge and secured against the sides of the block, or in the depression just above the strip or ledge, the latter serving as an abrupt edge or a narrow bearing-edge, to cause the lower ends of the bristles to flare outward. It will be seen, therefore, that my brush is not only differently constructed, but that the end I desire to accomplish cannot be attained by the old construction just described.

Having described my invention, I claim and desire to secure by Letters Patent of the United States—

The combination, in a whitewash-brush, of a block provided at its lower edge with a side projecting shoulder, *c*, an outer row of bristles secured on the side of the shoulder by a band, *e*, and the upper ends of the said bristles projecting, so as to form on the shoulder a channel or top surface, and a covering, *i*, of cement on the shoulder and upper ends of the bristles, as and for the purpose set forth.

In testimony whereof I affix my signature in presence of two witnesses.

WM. H. SHEELER.

Witnesses:

JNO. T. MADDOX,

JNO. EDWARD MORRIS.