

(No Model.)

T. HUNTBATCH.
PAINT OR WHITEWASH BRUSH.

No. 327,947.

Patented Oct. 6, 1885.

Fig 1.

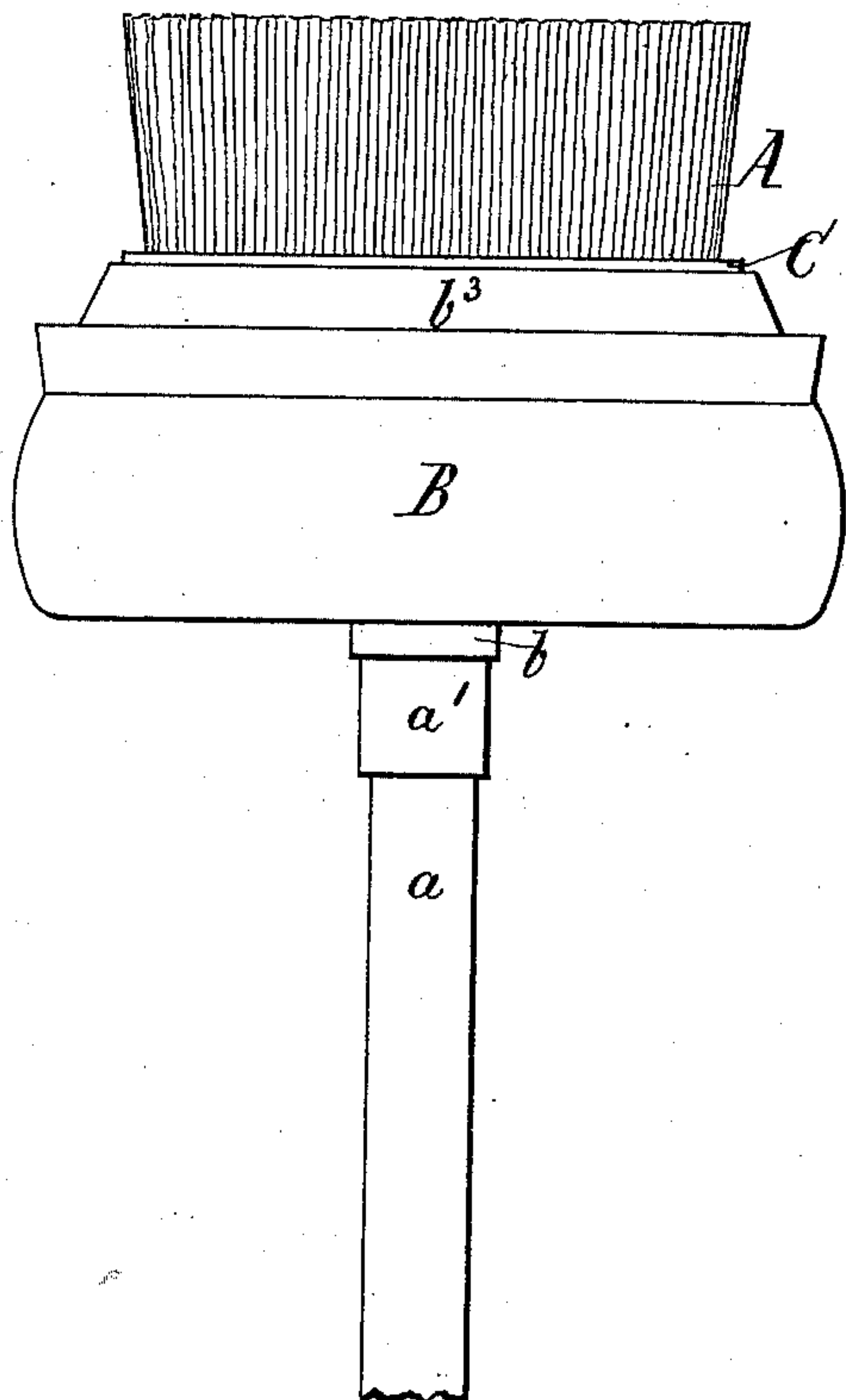


Fig 2.

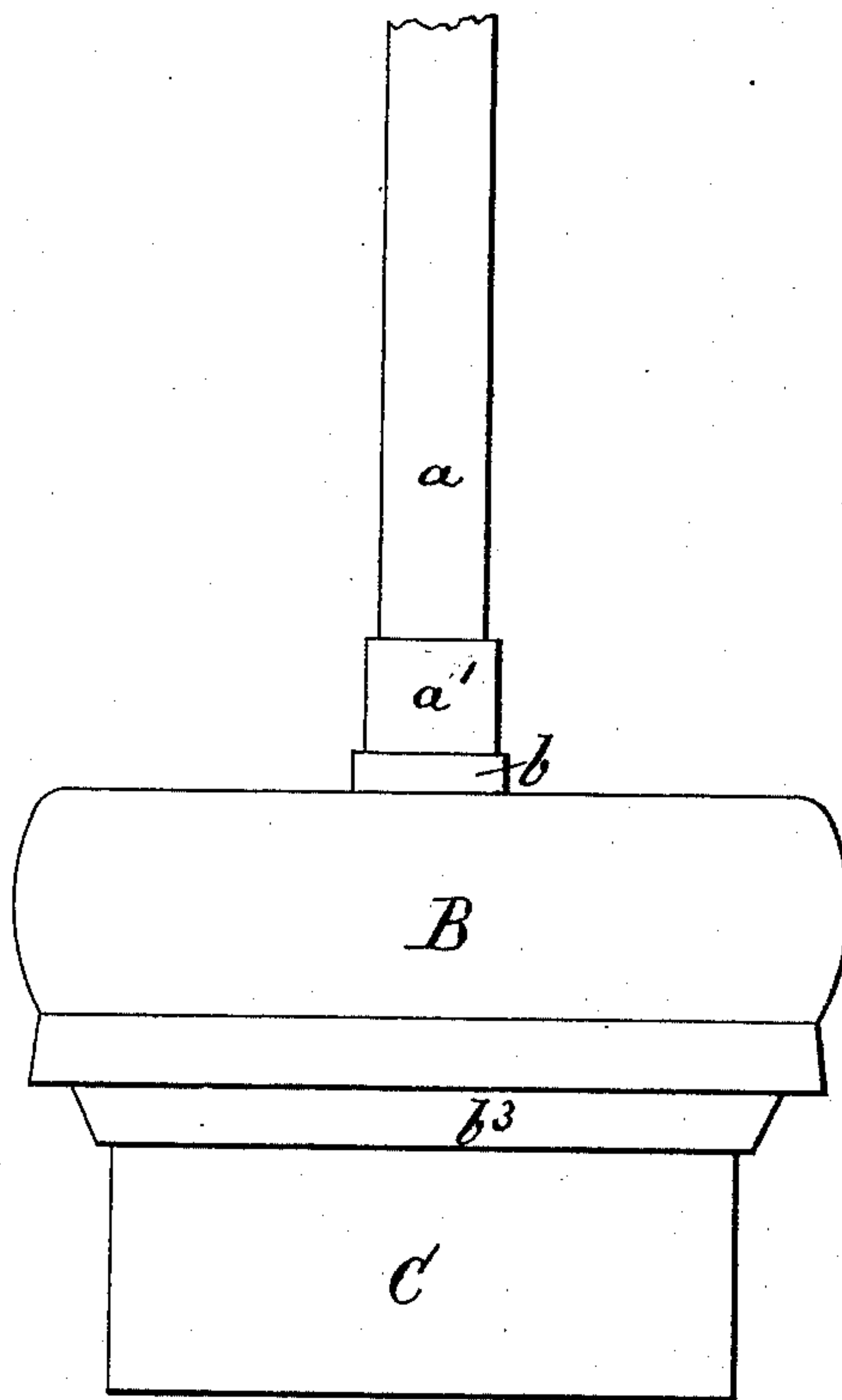


Fig 3.

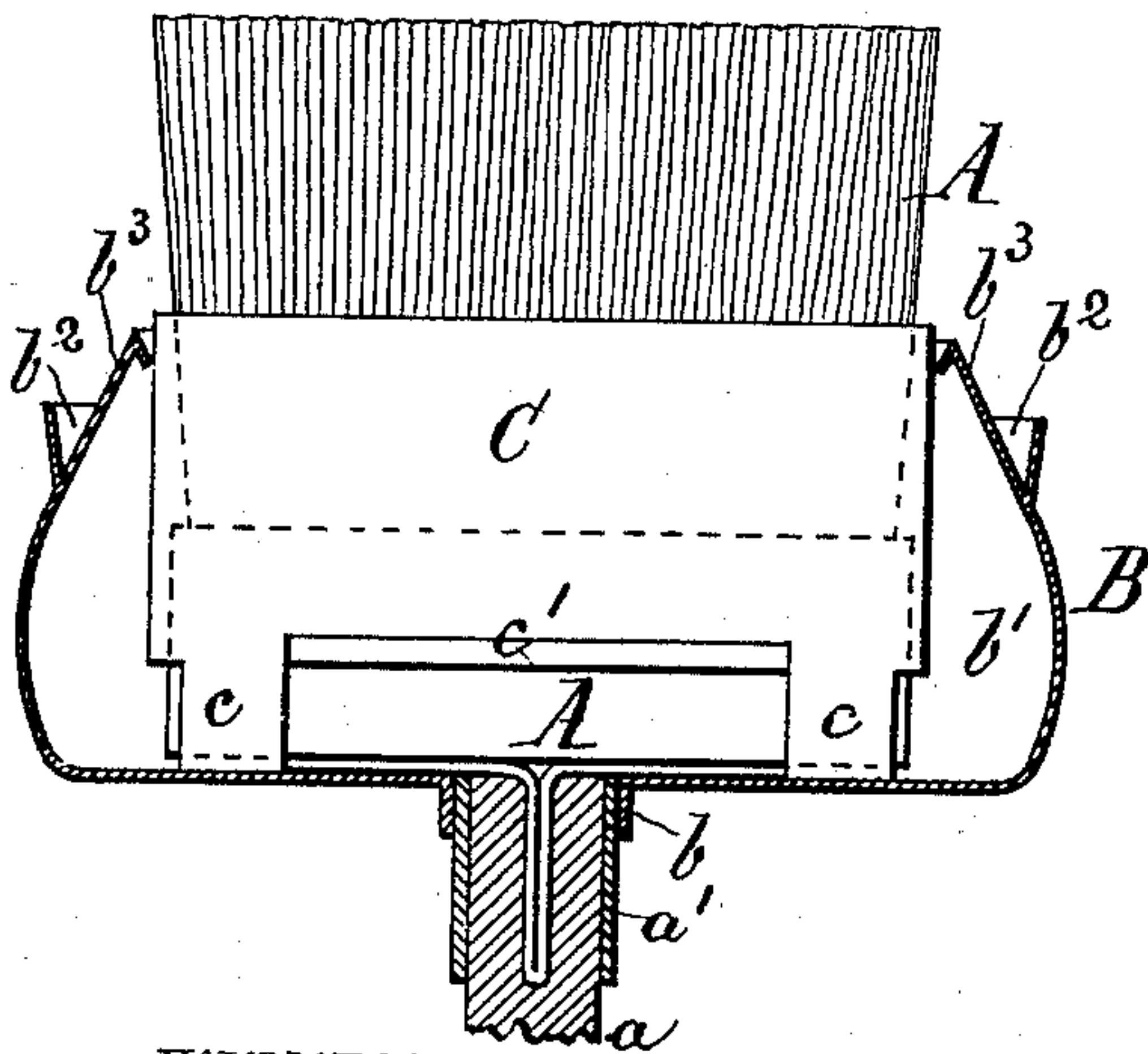
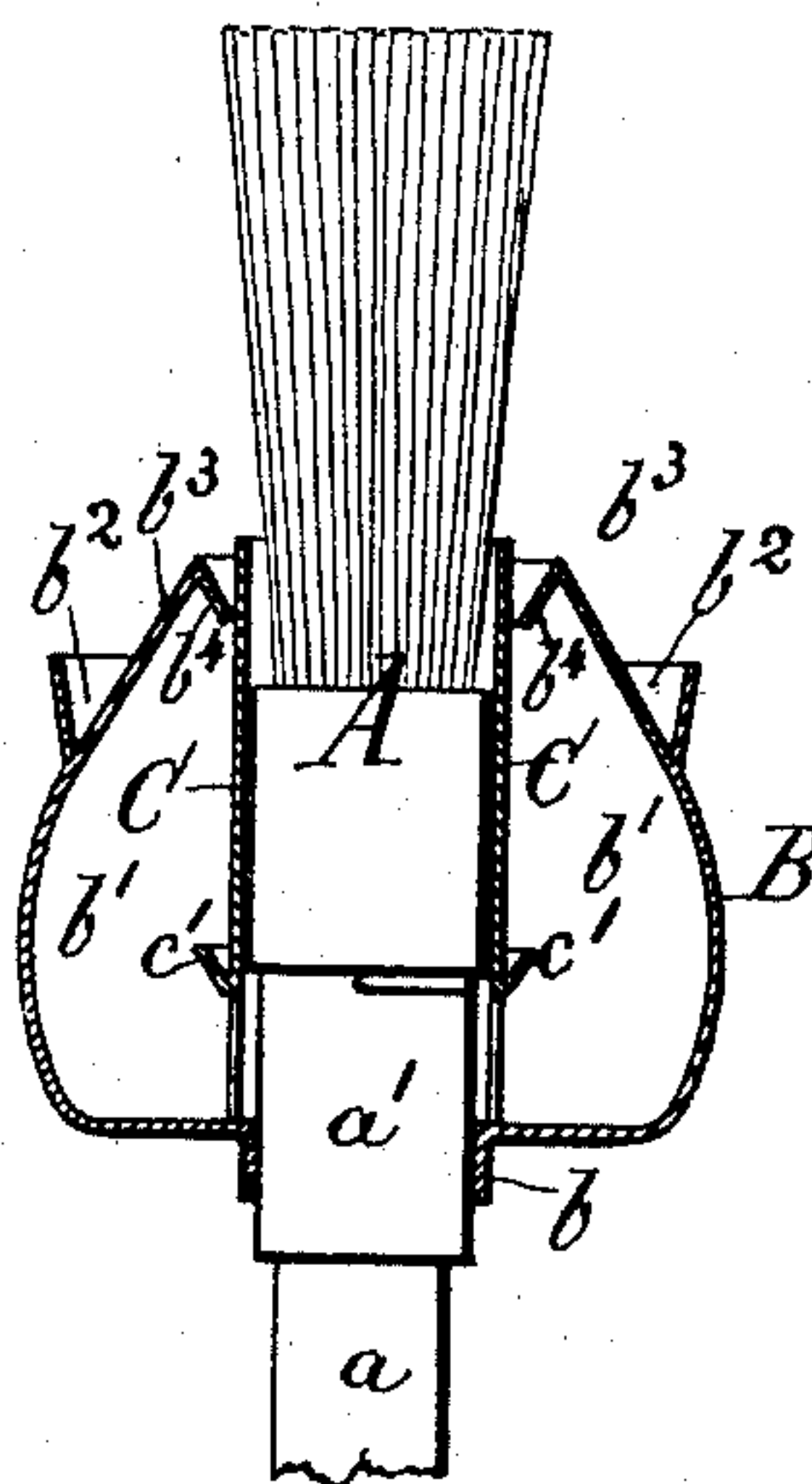


Fig 4.



WITNESSES

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PAINT OR WHITEWASH BRUSH.

SPECIFICATION forming part of Letters Patent No. 327,947, dated October 6, 1885.

Application filed January 12, 1885. Serial No. 152,623. (No model.)

To all whom it may concern:

Be it known that I, THOMAS HUNTBATCH, a citizen of the United States, residing at Geneva, in the county of Franklin and State of Iowa, have invented a new and useful Improvement in Paint or Whitewash Brushes, of which the following is a specification.

My invention consists in a brush provided with a drip-cup of improved construction, the bottom of which cup is secured to the brush so as to be vertically adjustable thereon; and it also consists in a brush provided with a sliding self-adjusting brush-guard sleeve, whereby the brush is prevented from being unduly charged on its outside and its interior overcharged with paint or whitewash while being dipped; and it also consists in certain details of construction hereinafter described and claimed.

In the accompanying drawings, Figure 1 is an elevation of a brush provided with my improvements and as ready for use. Fig. 2 is an elevation of the same as they appear when the brush is being dipped. Fig. 3 is a central vertical longitudinal section of Fig. 1, the brush-guard and brush-head in elevation. Fig. 4 is a vertical transverse section of Fig. 1, the brush being in elevation.

The letter A in the drawings represents a brush, the handle *a* of which is provided with an india-rubber ferrule-packing, *a'*. This ferrule *a'* is snugly fitted into an open socket, *b*, of a drip-cup, B, and by this means the cup is secured to the brush so as to be vertically adjusted on its handle *a*. This is accomplished by pushing the cup up or down by hand, the cup being held in any adjusted position by the elastic action against the socket of the rubber forming the ferrule *a'*. The drip-cup B is constructed to form a continuous chamber, *b'*, around the brush A, and a continuous V-shaped drip-groove, *b''*, near its top on the outside, as shown. The upper edge of the drip-cup B is turned down inwardly, so as to form an annular V-shaped drip-receptacle, which prevents the outward flow of the drippings of cup B when the brush is in position, as in Fig. 2. The lip *b''* thus formed serves also as a stop, as will be presently described. The wall *b'''* of the cup surrounds a guard-sleeve, C, placed around the

brush A, which guard-sleeve easily slides up and down upon the brush. This guard-sleeve rests by means of legs *c* upon the bottom of the drip-cup when the brush is turned upright, as seen in Figs. 3 and 4. When the brush is inverted, as in Fig. 2, the guard-sleeve C slides down by its own weight, but is prevented from sliding altogether out of the drip-cup by a lip, *c'*, formed on the lower portion of the guard-sleeve, which lip engages with the similar lip *b''* on the upper portion of the wall *b'''*, and thereby checks the further outward movement of the guard-sleeve. In this latter position the brush A, except ends of the bristles, will be entirely surrounded by the guard-sleeve C, and, being thus guarded, will, when dipped, be prevented from expanding excessively, and kept from being unduly charged on its surface and interiorly overcharged with paint or whitewash; and in this manner the brush A will be just sufficiently charged and ready for use without wiping. For painting floors the guard-sleeve would be in the way, and may be dispensed with; likewise the drip-cup would not be necessary, and for this reason the drip-cup is applied so as to be readily separable from the brush whenever required; and while this is so the brush can be adjusted and retained by its elastic connecting-fastening.

If the brush A and drip-cup are to be used together, but without the guard-sleeve C, the brush A is first removed from the drip-cup and the guard-sleeve C laterally compressed, so that its lip *c'* will clear the lip *b''*, whereupon the guard-sleeve is withdrawn from the drip-cup and the brush A reunited with the drip-cup. When the brush is not provided with the guard-sleeve C, the lip *b''* will be made to bear upon the bristles, and thereby compress the brush A accordingly as the cup B is adjusted on the handle *a*.

By providing a means whereby to adjust the drip-cup on the brush the length of the bristles from their tip to the point where the guard-sleeve C bears upon them can be decreased or increased by simply lowering or raising the cup on the handle of the brush, and thus the stiffness of the brush can be adjusted very nicely, as circumstances require; and by providing the drip-cup and outer and

inner drip gutters or receptacles thereon, surplus paint from the brush can be caught while using the brush, and such drip-paint as may be caught in the cup will be prevented from escaping when the brush is adjusted for a fresh dip into the paint or whitewash bucket.

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

1. A brush, A, having a drip-cup, B, adjustably held in position therewith by means of a handle, *a*, elastic ferrule *a'*, and socket *b*, substantially as described.

2. A brush, A, in combination with a self-adjusting brush-guard sleeve, C, substantially as and for the purpose described.

3. The drip-cup B, provided with a lip, *b⁴*, in combination with a brush-guard sleeve, C,

and means for connecting the said parts and preventing the guard-sleeve from dropping off, provided with a lip, *c'*, substantially as and for the purpose described.

4. The drip-cup B, provided with an exterior drip-groove, *b²*, substantially as and for the purpose described.

5. An adjustable drip-cup, B, contracted at its receiving end around the guard-sleeve or brush, and formed with a lip, *b⁴*, in combination with a brush, A, said cup being applied adjustably on a straight portion of the handle of the brush, substantially as described.

THOMAS HUNTBATCH.

Witnesses:

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