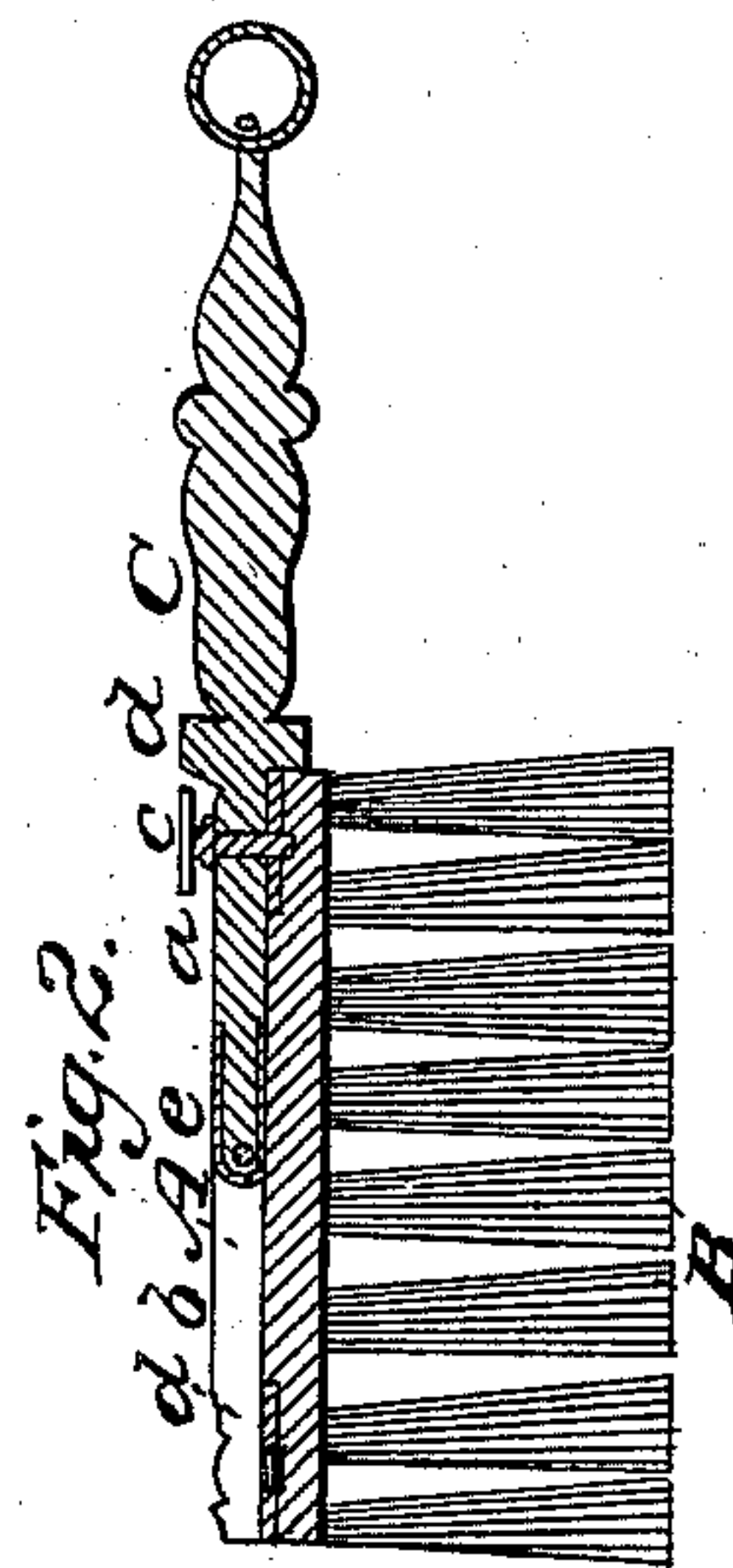
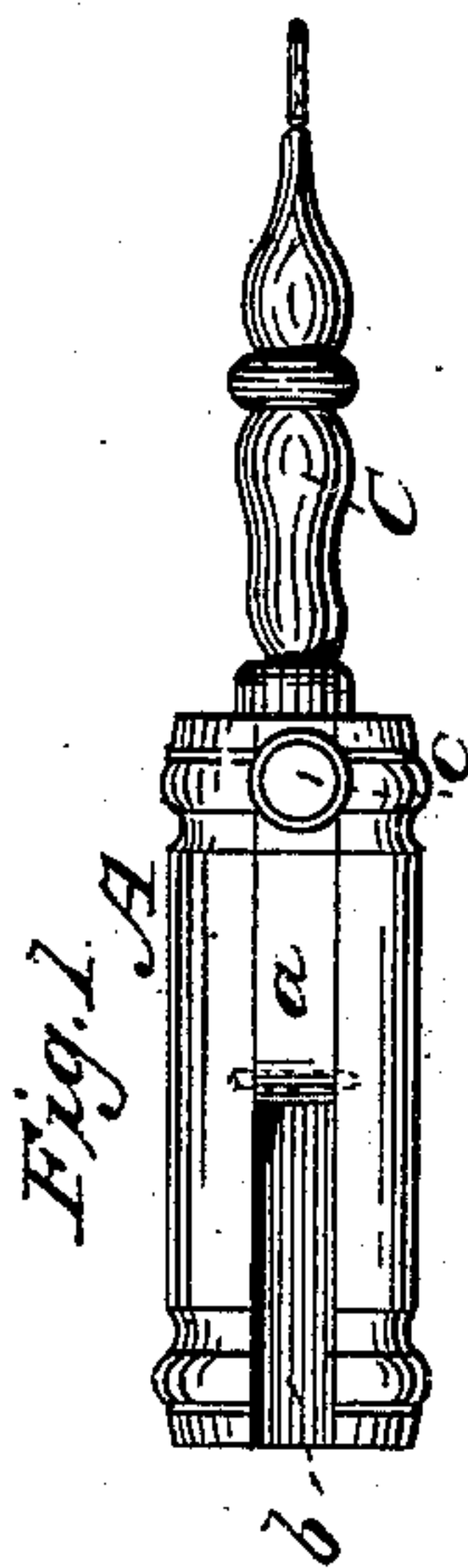
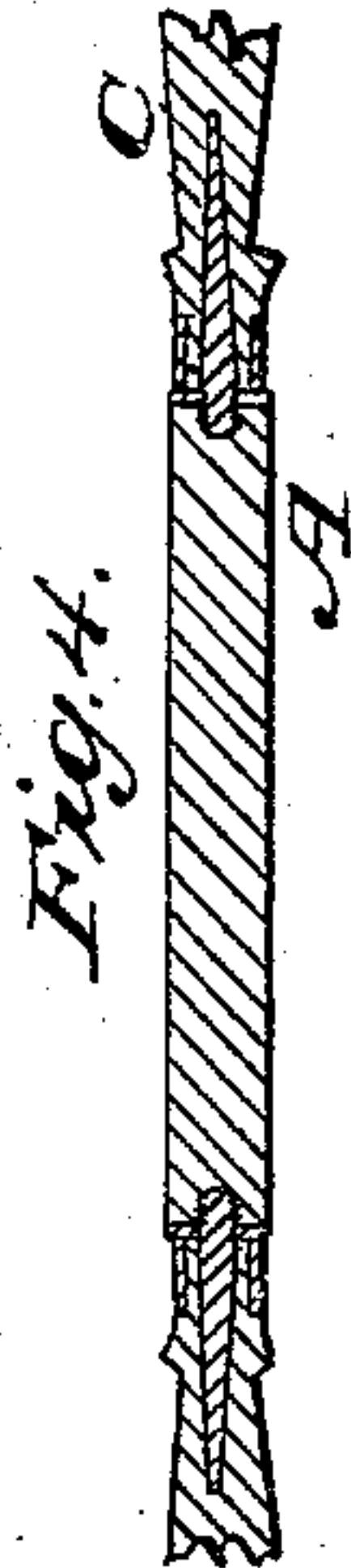
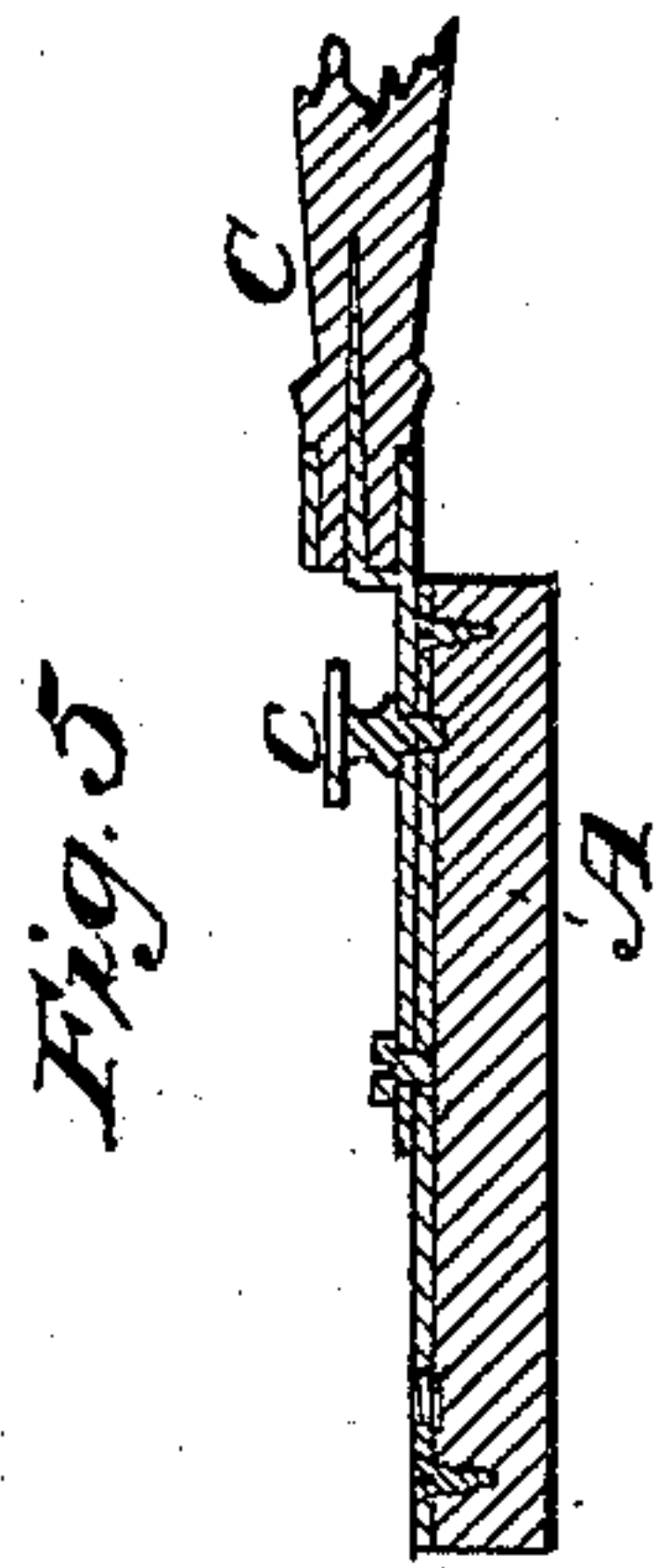


A. A. YOUNG.

Brush.

No. 66,762.

Patented July 16, 1867.



WITNESSES:

J. L. Newton.  
F. Appleton.

INVENTOR

Albert A. Young

# United States Patent Office.

ALBERT A. YOUNG, OF BOSTON, MASSACHUSETTS, ASSIGNOR TO HIMSELF  
AND GEORGE T. DALTON, OF SAME PLACE.

*Letters Patent No. 66,762, dated July 16, 1867.*

## IMPROVED BRUSH.

*The Schedule referred to in these Letters Patent and making part of the same.*

### TO WHOM IT MAY CONCERN:

Be it known that I, ALBERT A. YOUNG, of Boston, in the county of Suffolk, and State of Massachusetts, have invented a new and useful improvement in Brushes; and I hereby declare that the following is a full and exact description thereof, reference being had to the letters of reference marked on the accompanying drawings, and also the drawings making a part of this specification, of which—

Figure 1 is a top view of the invention.

Figure 2 is a vertical section of ditto.

Figure 3 is a transverse section of ditto.

Figures 4 and 5 are vertical sections of the modifications of the same.

The letter A represents the body of the brush; B, the bristles; C, the handle; *a*, its shank or tongue; *b*, the groove to receive the tongue; *c*, the set-screw; *d d*, metallic plates for screw *c*; *e*, the pivot or turning-pin of the handle.

The nature of my invention consists in providing a reversible handle to a brush or duster; and in order that others may understand the nature and use of my invention I will proceed to explain the same.

It is well known that brushes, by use in dusting, &c., soon wear at the end farthest from the handle, while the part nearest the handle is comparatively unworn, and the brush of necessity must be laid aside when but half worn. By the use of my invention the entire brush may be worn. And the manner in which it is made I will explain. By examining fig. 2, in the accompanying drawings, it will be perceived that the bristles or brush-material is made and secured in the usual way to the body of the brush; but upon the back of the body there is a groove or channel into which extends the tongue of the handle; that the end of the tongue is secured by a pivot or turning-pin, *e*, so that when it is desired to reverse the handle, unscrew the set-screw *c*, turn the handle over on the pivot and screw the same down again to the plate *d*, and the handle is transferred to the other end of the brush. Instead of this form, I may use the form as seen in fig. 5, in the drawings, which consists of a strip of metal fastened to the back of the body of the brush; another, to which is fastened the handle, is secured at the middle of the body of the brush by a screw or other fastening, and made so as to turn laterally on the fastening, and a screw fastens the two strips together, as seen at said fig. 5. When it is desired to reverse the handle, unscrew the set-screw at *c* and turn the handle laterally to the other end of the brush, and screw down as before. I may also use the form as seen in fig. 4, in drawings, which consists simply of pieces of metal secured to the ends of the body, and the handle is made with a screw at one end of it, which is screwed into the body through the metal, at either end of it. The invention is simple, and its use is readily seen, one brush being made to perform the wear of two brushes made with the ordinary handle.

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

The combination and arrangement of the handle C, the shank *a*, and its groove, *b*, with the metallic plates *d d*, the set-screw *c*, and the pivot *e*, whereby the handle is reversed, with reference to the body of the brush, substantially as described.

ALBERT A. YOUNG.

Witnesses:

J. L. NEWTON,

FRED. H. APPLETON.