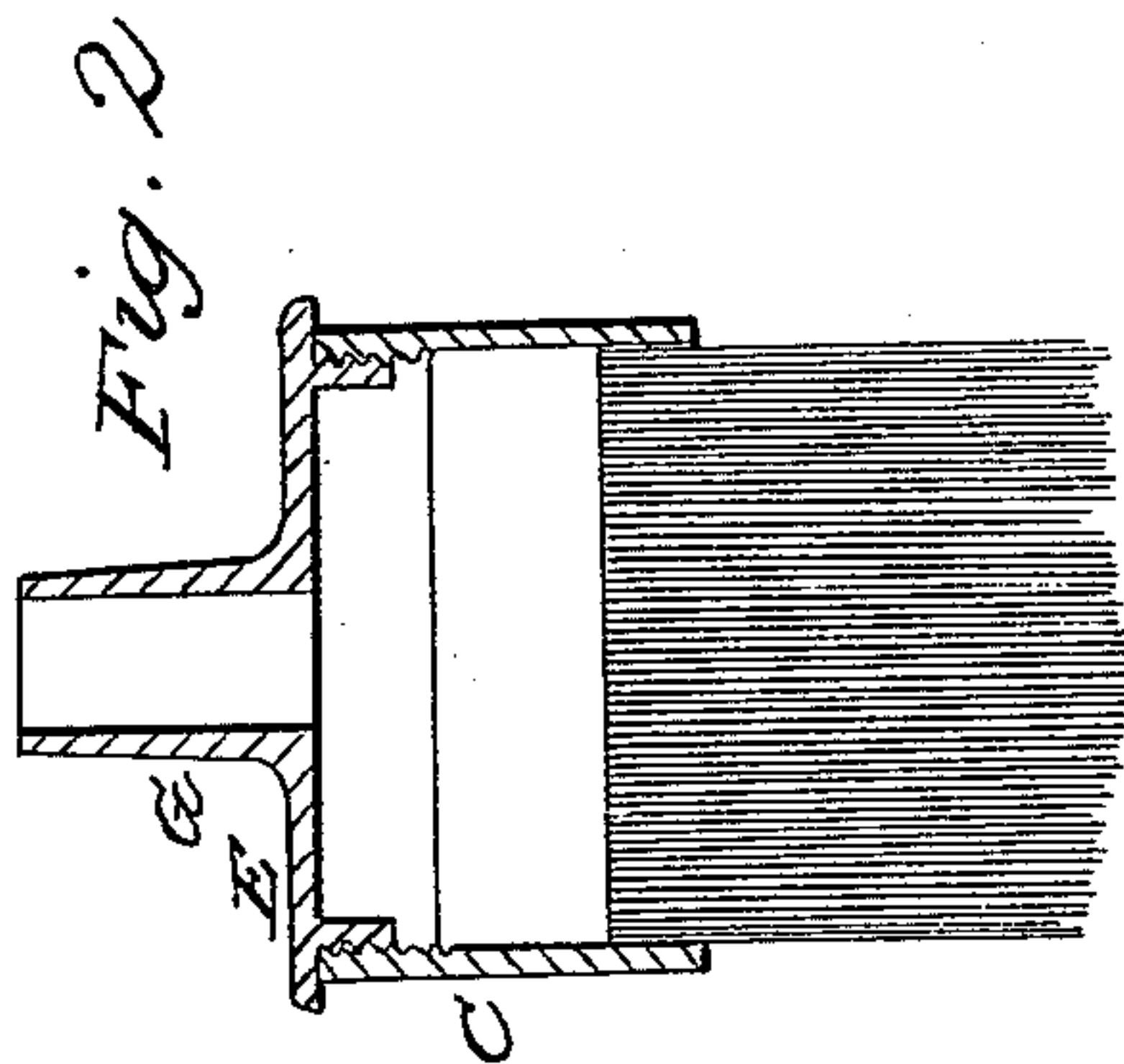
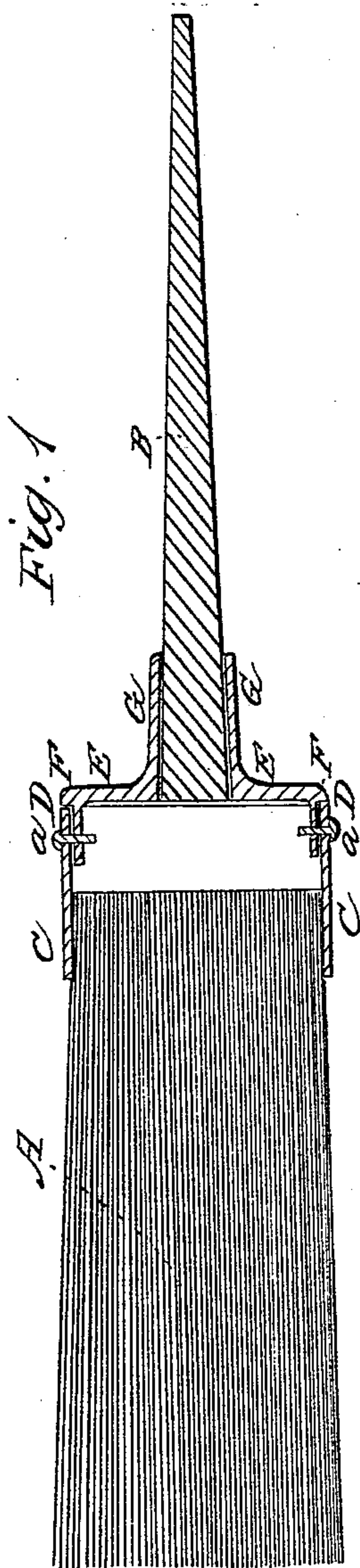


H. ROSENTHAL.

Paint Brush.

No. 64,369.

Patented April 30, 1867.



Witnesses:
Theo Tuscher
J. A. Service

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H. Rosenthal
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Attorneys

United States Patent Office.

H. ROSENTHAL, OF NEW YORK, N. Y.

Letters Patent No. 64,369, dated April 30, 1867.

IMPROVED PAINT-BRUSH.

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, H. ROSENTHAL, of 269 Pearl street, in the city, county, and State of New York, have invented a new and improved "Brush;" 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 drawings, forming part of this specification.

The present invention relates more particularly to paint-brushes, and consists of a novel mode of securing or uniting the bristles composing the brush to its handle without the handle entering the bristles, as will be obvious from the following detail description of the brush, reference being had to the accompanying plate of drawings, in which—

Figure 1 is a central section through the brush taken in the direction of the length; and

Figure 2, a modification in the construction of the brush shown in fig. 1.

Similar letters of reference indicate corresponding parts.

A, in the drawings, represents the bristles constituting the brush, and B the handle, the two being connected and joined together as and in the manner following: C, a ferrule or collar made of iron or other suitable metal or material, in which ferrule, from one end to the other, one end of the bristles forming the brush is inserted, where, by means of cement or other suitable adhesive materials or substances, or in any other proper manner, they are secured and thereby firmly held and fastened, the bristles being all trimmed off or otherwise made smooth and even at the end or edge D of the ferrule C. Over and to the end D of the ferrule a cap-plate or disk, E, is secured by means of its prongs F that project or extend inside of the ferrule, and are there secured by rivets *a* or in any other suitable manner. To this plate E, in its socket G, the handle is inserted, and secured either by screwing it in, or by riveting, or in any other suitable manner; the handle extending through the socket to or nearly to its inner end, or that end by which the plate E rests upon the top of the bristles, etc., in the ferrule.

From the above description of my improved brush it is plain to be understood and seen that by means of the ferrule and plate-socket affixed together, as described, a connection is established between the bristles and handle without the handle being inserted in the bristles in the slightest degree, while at the same time a firm, secure, and rigid fastening of the bristles to the handle is obtained, and one which is simple in construction and easy of application.

In fig. 2 a modification is shown, which consists in the mode of securing the socket-plate to the ferrule, which is done by dispensing with the ear-pieces thereto and rivets, and providing it with a screw-threaded flange by means of which it can be screwed into the ferrule suitably provided with a screw-thread therefor.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The combination of the ferrule C, socket-plate or disk E, handle B, and bristles A, when the latter are secured within the ferrule, as described, and the parts connected together, substantially as set forth.

The above specification of my invention signed by me this 18th day of March, 1867.

H. ROSENTHAL.

Witnesses:

WM. F. McNAMARA,
ALBERT W. BROWN.