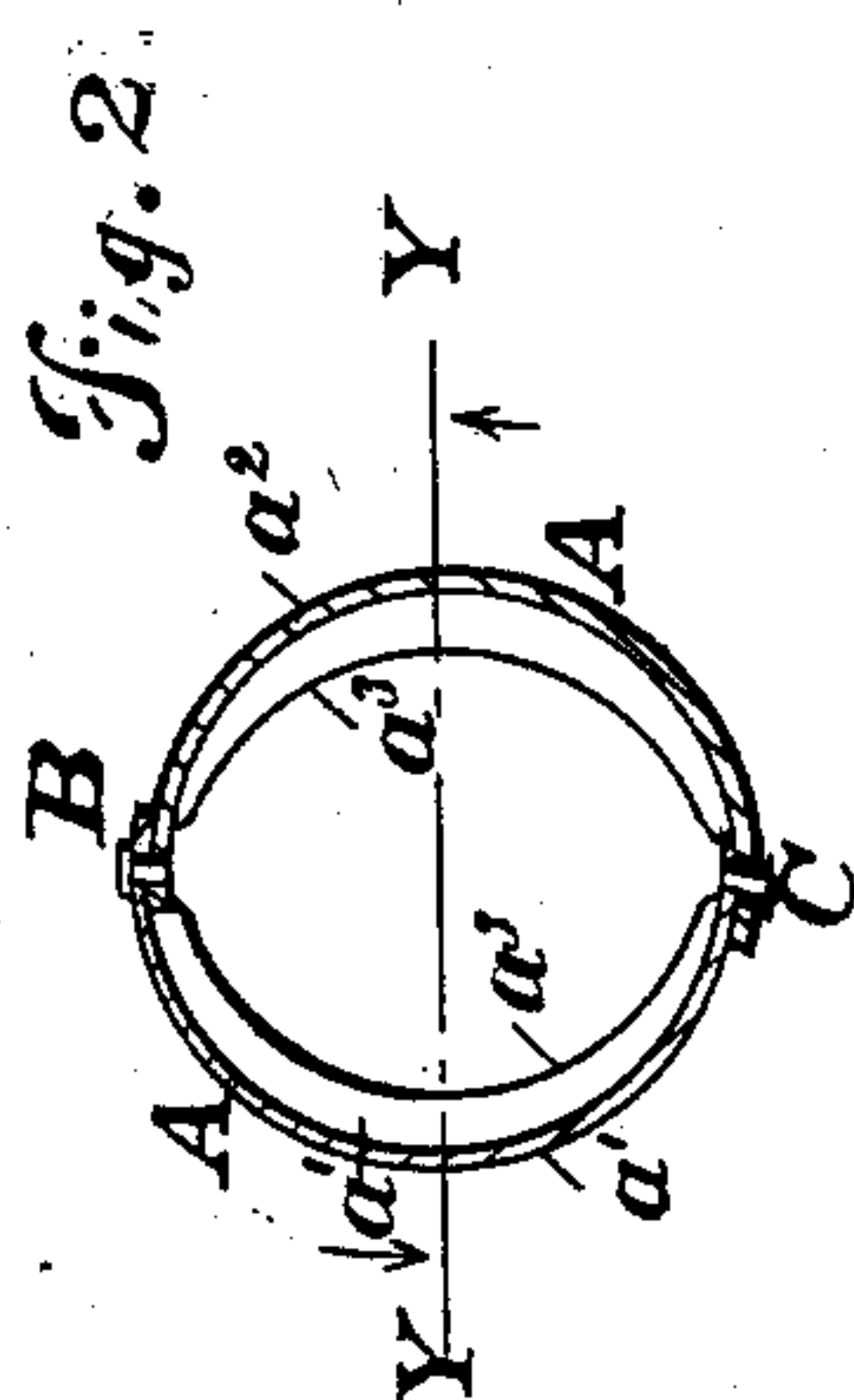
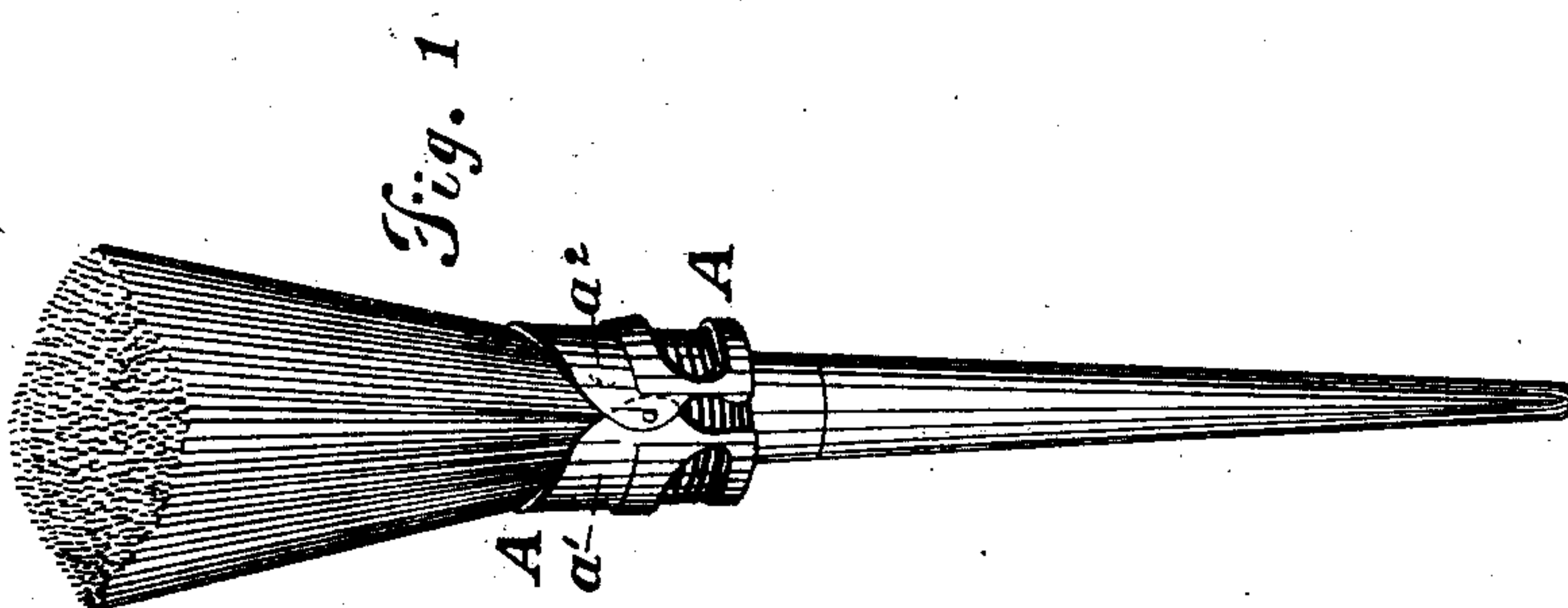
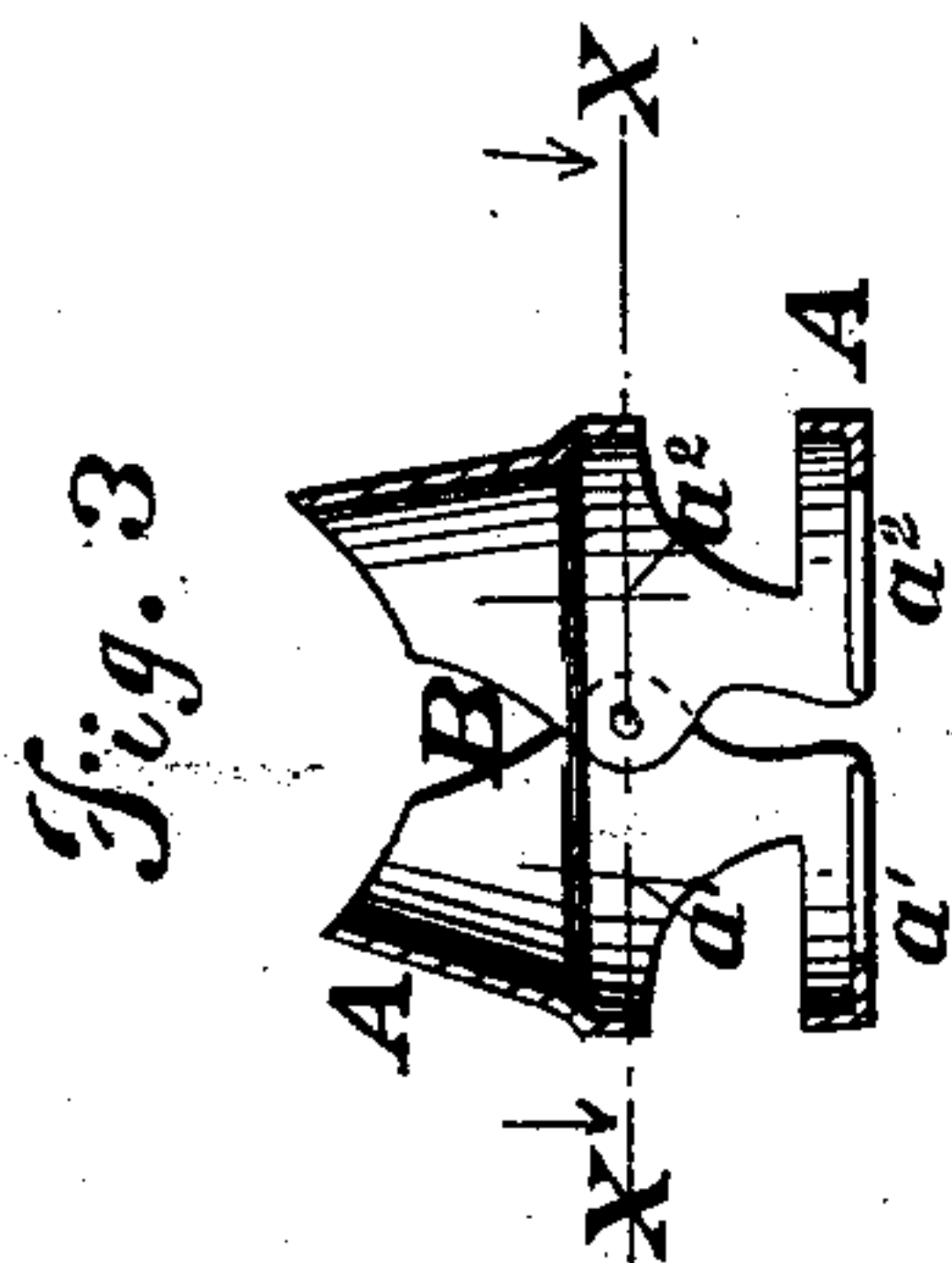


A. HUSTON.
Brush Clamp.

No. 69,674.

Patented Oct. 8, 1867.



Witnesses
Thos. Luxhe
Wm. Trewin.

Inventor.
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United States Patent Office.

ARTHUR HUSTON, OF BRISTOL, MAINE.

Letters Patent No. 69,674, dated October 8, 1867.

IMPROVED BRUSH-CLAMP.

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, ARTHUR HUSTON, of Bristol, in the county of Lincoln, and State of Maine, have invented a new and improved Brush-Clamp; 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.

Figure 1 is an edge view of a paint-brush to which my improved clamp has been attached.

Figure 2 is a longitudinal section of the clamp taken through the line *y y*, fig. 3.

Figure 3 is a cross-section of the same taken through the line *x x*, fig. 2.

Similar letters of reference indicate corresponding parts.

My invention has for its object to furnish an improved brush-clamp, so constructed and arranged as to be easily attached and detached, which will give the brush a flat or fan shape, which will prevent the brush from becoming worn pointed, and which will render it unnecessary to wind a new brush, as is now necessary; and it consists in a clamp constructed and arranged as hereinafter more fully described.

A is the clamp, which is made in two pieces, a^1 and a^2 . The pieces a^1 and a^2 are cut out of thin sheet metal and then struck up into proper form. a^3 is a flange or shoulder formed upon the base of the parts a^1 and a^2 , which fits over the base of the brush. Upon the side edges of the parts a^1 and a^2 , near their middle, are formed ears, which, upon one side of the clamp, are riveted together, as shown at the point B in figs. 2 and 3. To one of the other ears is attached a pin or catch which enters a hole in the other ear to clasp the clamp, as shown at the point C in fig. 2. The jaws of the clamp, or the parts that lie along the brush below the wire or cord with which the bristles are secured, is swaged out into an elliptical form, so as to compress or flatten the brush, bringing it into proper form for use, and preventing any liability to wear it pointed. The central parts of the pieces a^1 and a^2 may be cut away, as shown in figs. 1 and 3, to make the clamp lighter.

When the brush has become so much worn as no longer to need the clamp it can readily be removed and placed upon the next new brush of the same size as the old one. The clamp A does away with any necessity for winding a new brush below the wire or cord with which the bristles are secured to the handle, as the clamp confines and supports the bristles sufficiently, and better than winding does, giving them more spring.

It should be observed that the jaws or parts of the clamp that lie along the sides of the bristles are not merely flattened, but are swaged or drawn out, to give them a proper form for compressing the brush into proper shape.

I claim as new, and desire to secure by Letters Patent—

An improved brush-clamp, A, formed in two parts, a^1 and a^2 , and in substantially the form and manner herein shown and described, and for the purpose set forth.

ARTHUR HUSTON.

Witnesses:

HENRY CHAMBERLAIN,

HENRY C. HUSTON.