

S. STERNBERGER.

TOOLS FOR EMBOSSING EYELETS.

No. 176,373.

Patented April 18, 1876.

Fig.1.

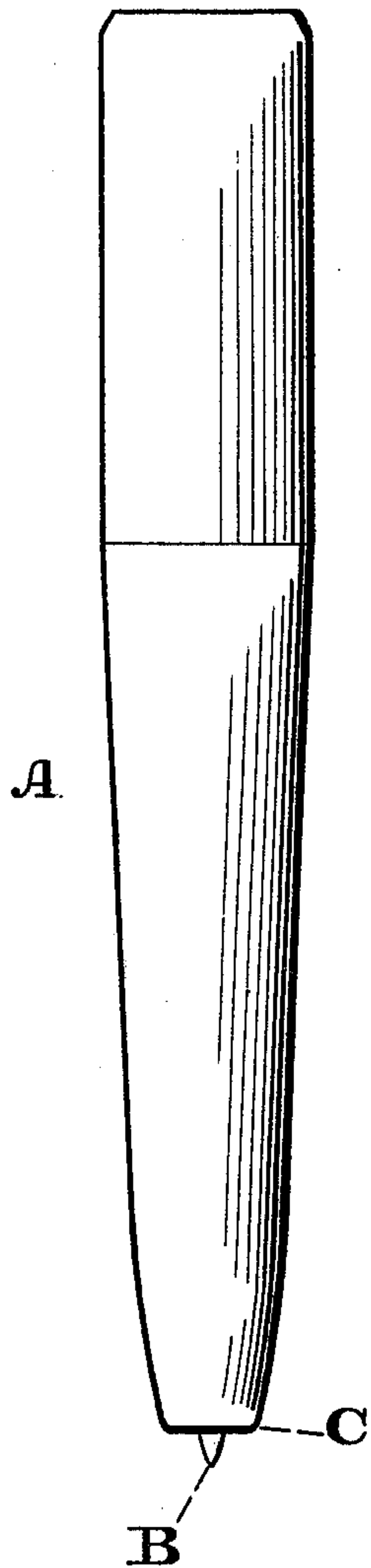


Fig.2.

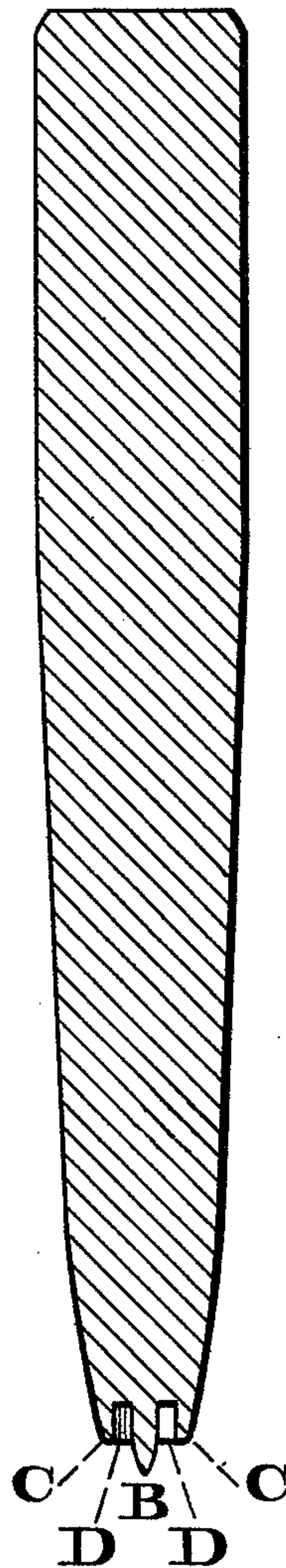
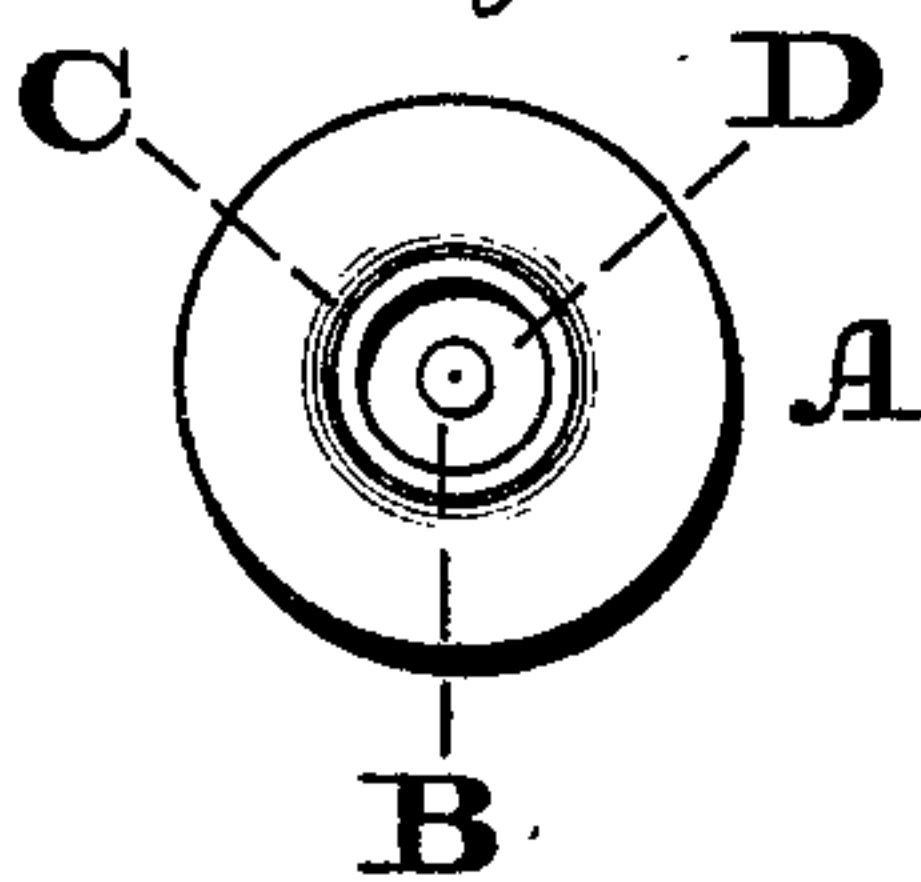


Fig.3.



Witnesses:

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UNITED STATES PATENT OFFICE.

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IMPROVEMENT IN TOOLS FOR EMBOSSING EYELETS.

Specification forming part of Letters Patent No. **176,373**, dated April 18, 1876; application filed September 30, 1875.

To all whom it may concern:

Be it known that I, SAMUEL STERNBERGER, of the city and county of Philadelphia and State of Pennsylvania, have invented a new and useful Improvement in Embossing Eyelets of Shirt-Bosoms, Linen and other Fabrics; and I do hereby declare the following to be a clear and exact description of the nature thereof, sufficient to enable others skilled in the art to which my invention appertains to fully understand, make, and use the same, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a side elevation of the implement embodying my invention. Fig. 2 is a central longitudinal section thereof. Fig. 3 is a view of the working face of the implement.

Similar letters of reference indicate corresponding parts in the several figures.

In laundered shirt-bosoms and fabrics of various kinds it is useful to emboss the eyelets thereof, so that the eyelets will receive their finish, and the shanks of studs, &c., may readily enter the same.

My invention consists of a hand-tool for punching and embossing eyelet-holes, the same being constructed of a stock, prong, and circumscribing flange, the latter forming an annular space around said prong, and whose inner and outer sides are parallel.

Referring to the drawings, A represents a stock, from the center of the working face of which there projects a piercing-prong, B, and circumscribing the prong is a wall or flange, C, an annular space, D, intervening between the prong and flange, and the prong projecting beyond the face of the flange. The surface of the upper or inner portion of the prong and the inner face of the flange C are so constructed that the inner and outer sides of the annular space D are parallel. The stock A will be grasped by hand, and the point of the prong B is presented to

the fabric, which is laid on a board or bed having a suitable flexible surface. By a well-directed blow or blows on the head of the stock the eyelet is entered, and the walls of the eyelet will be compressed and forced into the space D, and, consequently, embossed or raised above the surface of the fabric outside of the flange C, thus imparting a finish to the eyelet, and properly preparing it for receiving the shank of the stud.

It will be seen that the fabric surrounding the eyelet-hole will enter the space D without liability to be cut, and the stitches surrounding the hole, and which thicken the fabric thereat, also properly enter the space D without being cut or compressed by the walls of the space. Owing to the depth of the space D, the eyelet-hole or stitched eyelet-hole may be embossed to the greatest extent. The embossed portion will also be of uniform dimensions, and it stands out from the adjacent portions of the fabric in such a manner that when the screw-shank of the stud is inserted into the eyelet-hole the body of the stud will not come in contact with, or rub against, said adjacent portion. Again, by the construction of the tool the fabric may be pierced in advance of the embossing operation.

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

As a new article of manufacture, the hand-tool for punching and embossing eyelet-holes, the same consisting of the stock A, prong B, and circumscribing flange C, the latter forming an annular space, D, around said prong, and whose inner and outer sides are parallel, substantially as and for the purpose set forth.

SAMUEL STERNBERGER.

Witnesses:

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