

D. M. SOMERS.

Pen-Holder.

No. 130,670.

Patented Aug 20, 1872.

Fig. 1.

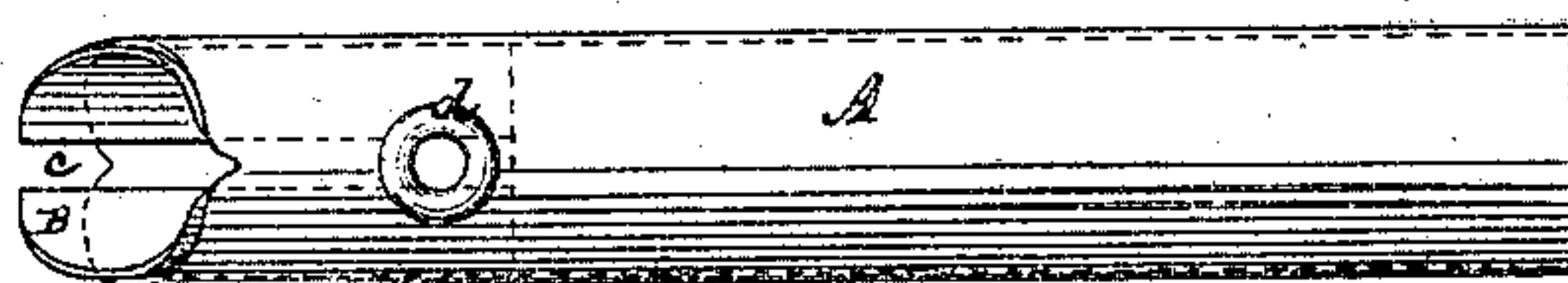


Fig. 2.

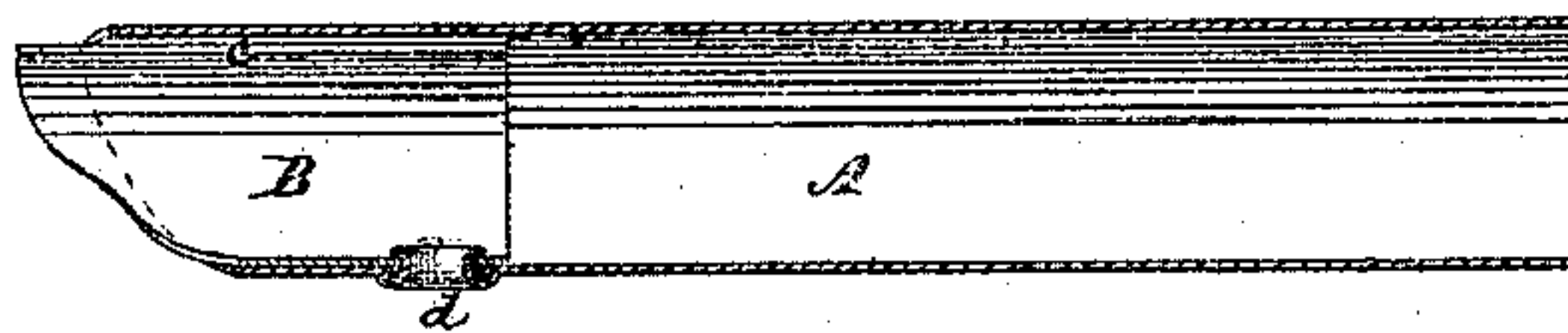


Fig. 3.

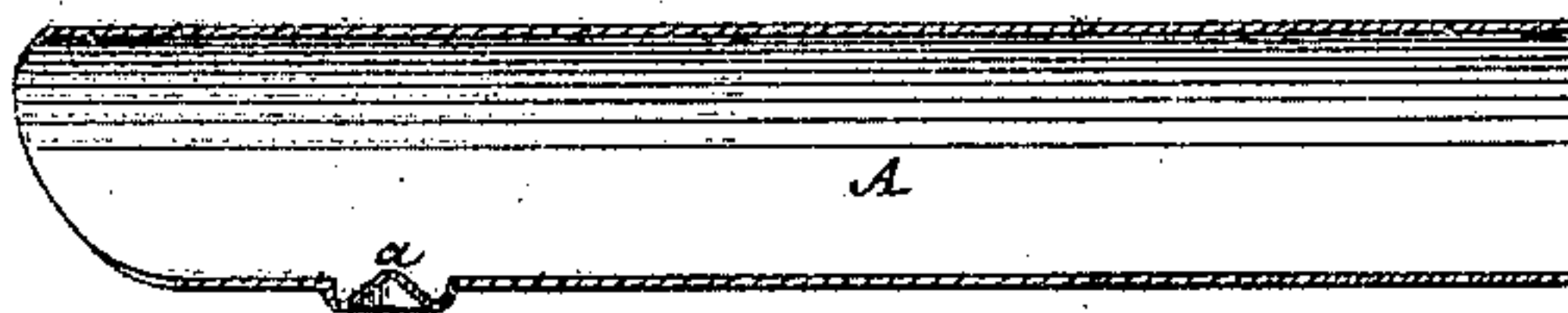
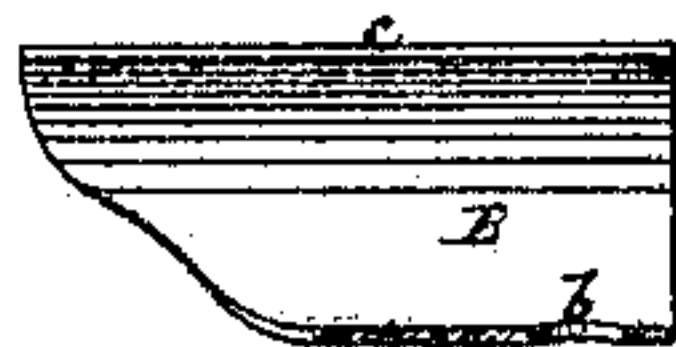


Fig. 4.



Witnesses:

Fred Hynes
Edw. Quach

D. M. Somers

UNITED STATES PATENT OFFICE.

DANIEL M. SOMERS, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN PEN-HOLDERS.

Specification forming part of Letters Patent No. 130,670, dated August 20, 1872.

Specification describing an Improvement in Pen-Holders, the invention of DANIEL M. SOMERS, of the city of Brooklyn, in the county of Kings and State of New York.

This invention relates to pen-holders of the description known in the trade as drawn or solid-tube holders, and consists in a novel means of uniting the nib with the tube of the holder by means of an eyelet formed in or of one piece with the tube, and a corresponding hole in the nib, whereby cheapness of construction is combined with neatness of appearance, and great security obtained in the production of the pen-holder as a whole.

Referring to the accompanying drawing, which represents a pen-holder and its details, upon an enlarged scale, in illustration of my improvement, Figure 1 is an exterior longitudinal view of the pen-holder complete, looking from the under side; Fig. 2, a longitudinal section of the same, looking in a direction of right angles to the former figure; Fig. 3, a similar view of the tube of the holder before the eyelet is formed in it; and Fig. 4 a longitudinal section of the nib detached.

Similar letters of reference indicate corresponding parts throughout the several figures of the drawing.

A is the drawn or solid tube of the holder, and B the nib. The tube A has first an indentation, *a*, Fig. 3, stamped in it from the outside to prepare it for the production of the eyelet, which is to unite the nib with the tube,

and the nib B has a hole, *b*, Fig. 4, formed in it for the passage of the eyelet through it. After the tube and nib have been thus prepared, the latter, which may be constructed with the usual longitudinal slit, *c*, in it to give elasticity, is fitted to its place in the tube, with the hole *b* opposite to the indentation *a*. A suitable die is then introduced within the nib and a punch brought to bear upon the outside, over or within the indentation *a*, which produces the eyelet *d*, seen in Figs. 1 and 2, thus uniting the rib with the tube. Said eyelet *d* not only gives a neater or more ornamental appearance to the holder than does a rivet for uniting the rib with the tube, but simpler mechanism for producing it may be used, and being formed out of the tube itself, the manipulation is easier than when a separate small rivet requires to be inserted. Such eyelet also is equally or more secure than a rivet, and considerably firmer than teats punched up from the inside to unite the nib with the tube.

What is here claimed and desired to be secured by Letters Patent, is—

The eyelet *d*, formed in or of one piece, with the tube A, in combination with the nib B, having a hole, *b*, in it for passage of said eyelet, substantially as specified.

D. M. SOMERS.

Witnesses:

FRED. HAYNES,
FERD. TUSCH.