

J. A. GOOCH.

Tailors' Crayon-Holder.

No. 130,634.

Patented Aug 20, 1872.

Fig. 1.

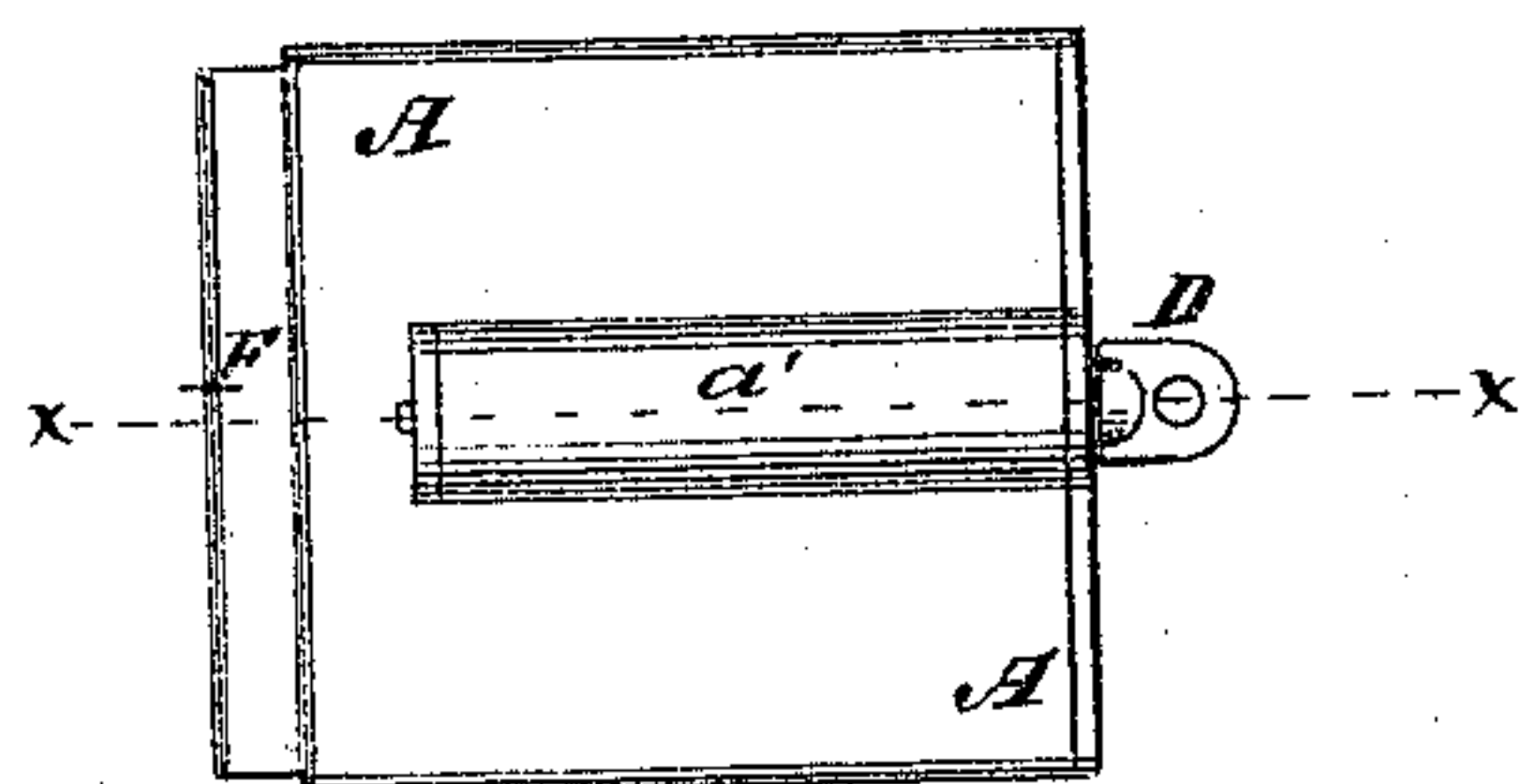


Fig. 2.

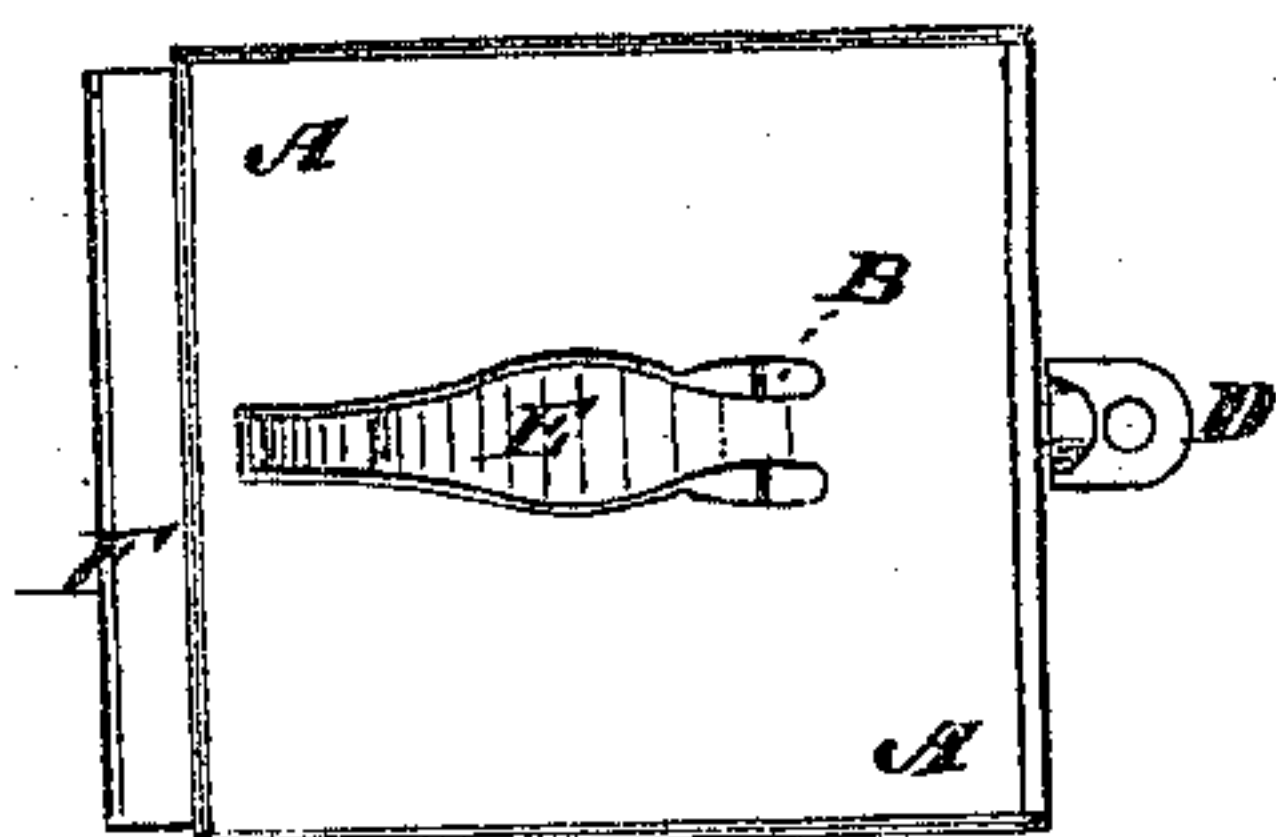
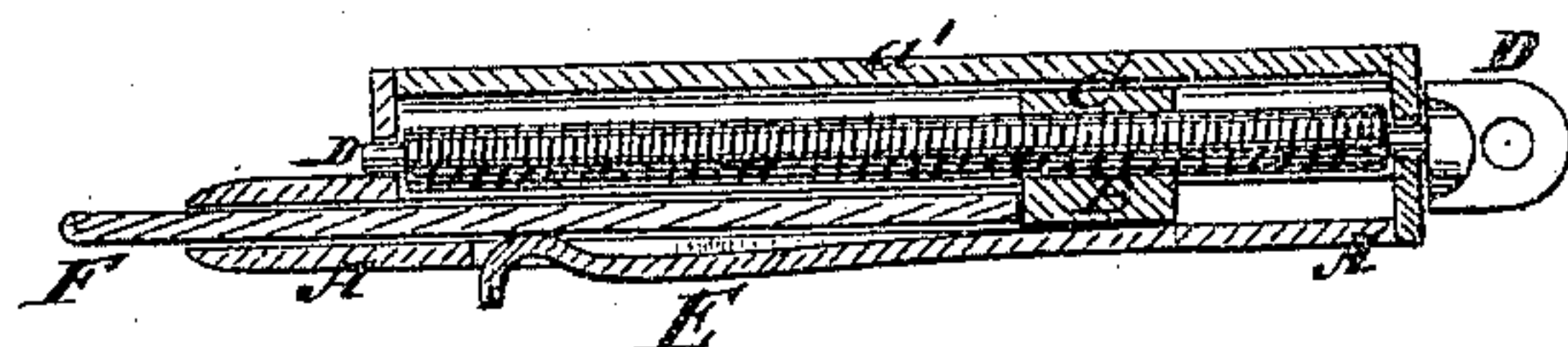


Fig. 3.



Witnesses:

E. Wolff.
Geo. W. Mabee

Inventor:

J. A. Gooch

PER

Munnell
Attorneys.

UNITED STATES PATENT OFFICE.

JOHN A. GOOCH, OF BIDDEFORD, MAINE.

IMPROVEMENT IN TAILORS' CRAYON-HOLDERS.

Specification forming part of Letters Patent No. 130,634, dated August 20, 1872.

Specification describing a new and Improved Self-Sharpening Drafting Apparatus, invented by JOHN A. GOOCH, of Biddeford, in the county of York and State of Maine.

Figure 1 represents one side of my improved drafting apparatus. Fig. 2 represents the other side of the same. Fig. 3 is a detail sectional view on an enlarged scale of the same taken through the line *x x*, Fig. 1.

Similar letters of reference indicate corresponding parts.

My invention has for its object to furnish an improved apparatus for holding crayons for tailors' use in drafting patterns, garments, &c.; and it consists in the construction and combination of the various parts, as hereinafter more fully described.

A is the case, which is made open at one edge, and of such a capacity as to receive the marking lead or crayon. B is a slide placed in the interior of the case A, and having a nut, C, formed upon one side, which enters a groove or enlargement, *a'*, formed upon one side of the case A, and in which is swiveled the screw D, which passes through the nut C, so that by turning the screw D in one direction the slide B may be pushed outward to push out the lead or crayon as it wears away, and by turning the said screw in the other direction the slide B may be moved inward to allow the lead or crayon to be pushed into the said case. The lead or crayon is kept from

dropping out of the case A by the spring E, which bears against its side. The spring E may be cut out of the solid body of the case A, as shown in Figs 2 and 3, or it may be made separate and attached to said case. F is the lead or crayon, which is made thin to adapt it for use in the case A without requiring the said case to be made so thick as to be inconvenient in use or in carrying it in the pocket. The lead or crayon F is made of such a thickness as to give the mark required for ordinary marking or drafting when used squarely upon its edge. A finer mark may be made by holding the apparatus inclined so as to mark upon a corner of its edge. By holding the apparatus, while using it, inclined to one side for a while, and then inclined to the other side for a while, the wear will keep it sharpened, and the use of a knife for sharpening it will never be required.

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

The case A provided with a groove or enlargement, *a'*, a slide, B, nut C, swiveled screw D, and spring E to adapt it for receiving and holding the lead or crayon F, substantially as herein shown and described.

JOHN A. GOOCH.

Witnesses:

W. G. GOOCH,
CHAS. W. ROSS.