

A. F. HOWARD.
Crayon-Holders.

No. 137,844.

Patented April 15, 1873,

Fig. 1.

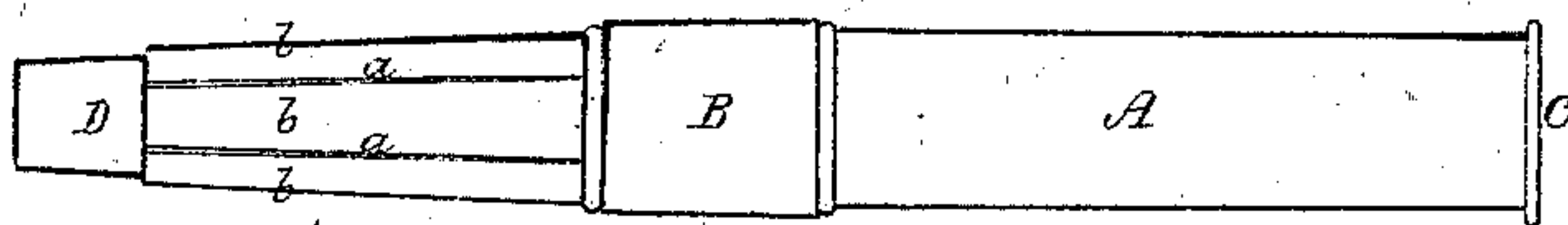


Fig. 2.

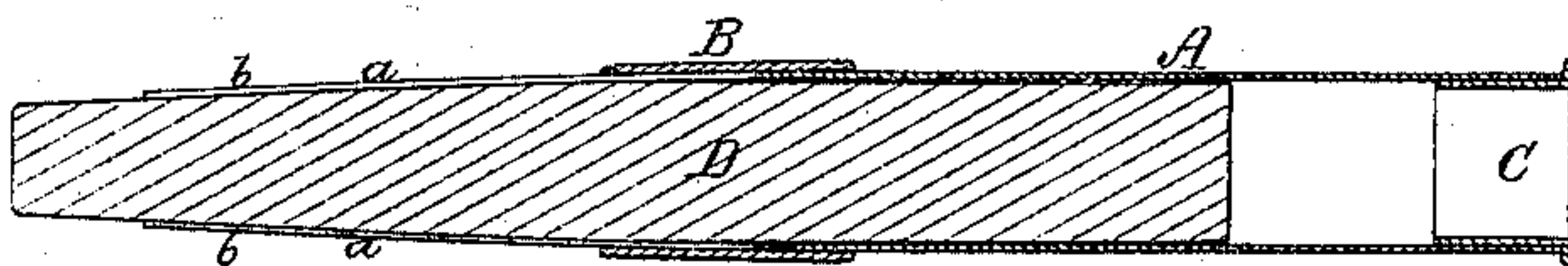
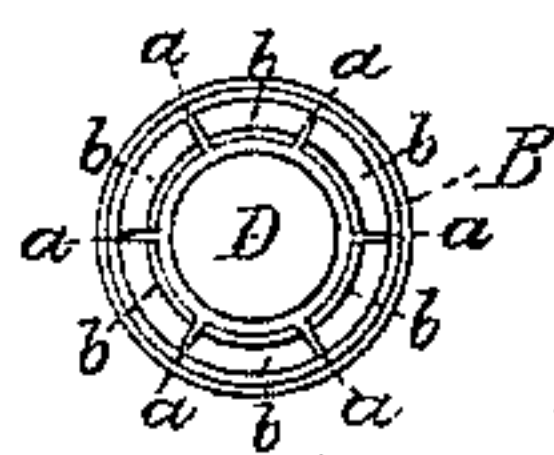


Fig. 3.



Witnesses.

S. W. Piper.

L. N. Miller.

Andrew F. Howard.

by his attorney.

R. H. Eddy

UNITED STATES PATENT OFFICE.

ANDREW F. HOWARD, OF WALTHAM, MASSACHUSETTS, ASSIGNOR TO ZENAS PARMENTER AND AMORY H. WALKER, OF SAME PLACE.

IMPROVEMENT IN CRAYON-HOLDERS.

Specification forming part of Letters Patent No. **137,844**, dated April 15, 1873; application filed March 20, 1873.

To all whom it may concern:

Be it known that I, ANDREW F. HOWARD, of Waltham, of the county of Middlesex and State of Massachusetts, have invented a new and useful Improvement in Crayon-Holders; and do hereby declare the same to be fully described in the following specification, and represented in the accompanying drawing, of which—

Figure 1 is a side view; Fig. 2, a longitudinal section, and Fig. 3, a front end view of one of my said port-crayons with a crayon in it.

If constructed as shown, it is intended for holding a conical or tapering crayon or chalk, such as now used in schools for marking on black-boards, or for other purposes in the arts.

The article in question consists, first, of a thin metal tube, A, made tapering for about a third or a half its length from one end, and having from such end a series of slits, *a a*, made in it longitudinally, as shown, so as to form of the tube a series of springs, *b b b*; second, of a tapering collar or tube B to slip on such tapering part; third, of a thimble or cap, C, to fit to and estop the other end or mouth, and so made and applied thereto as to be capable of being separated therefrom, such cap being held in place by friction or a screw.

The crayon, shown at D, is inserted into the tube at its mouth or longer end when open, the cap being subsequently being put in place so as to cover such end. The smaller end of the crayon being drawn out beyond the split end of the tube to the desirable extent, the

collar B is to be passed over such end and upon the springs of the tube A, so as to compress such springs upon the crayon and cause them to hold it in place in order that it may be used or drawn with while the port-crayon or crayon-holder is held in the hand of a person. Afterward, and after having loosened the clamp-tube B, the crayon may be pushed back wholly within the tube A, and thereby the crayon will be protected from injury while not in use, or while being transported from place to place.

I do not confine the tube A to the precise form shown, as such may be varied somewhat without changing the character of the invention.

With the common double port-crayon, having two jaws at each end, the crayon is exposed or not wholly incased on its sides and upper end, but in my single or improved port-crayon the crayon is fully protected on its sides and upper end.

I therefore claim the improved article of manufacture or port-crayon, composed of the tapering and slitted tube A, the thimble or cap C, and the tapering or tubular collar B, constructed and arranged essentially as shown and described, the crayon receiving-mouth in such port-crayon being at the upper end or part of the article, as set forth.

ANDREW F. HOWARD.

Witnesses:

R. H. EDDY,
J. R. SNOW.