

B. A. FISKE.
Pencil and Crayon Holder.

No. 226,607.

Patented April 20, 1880.

Fig. 1.

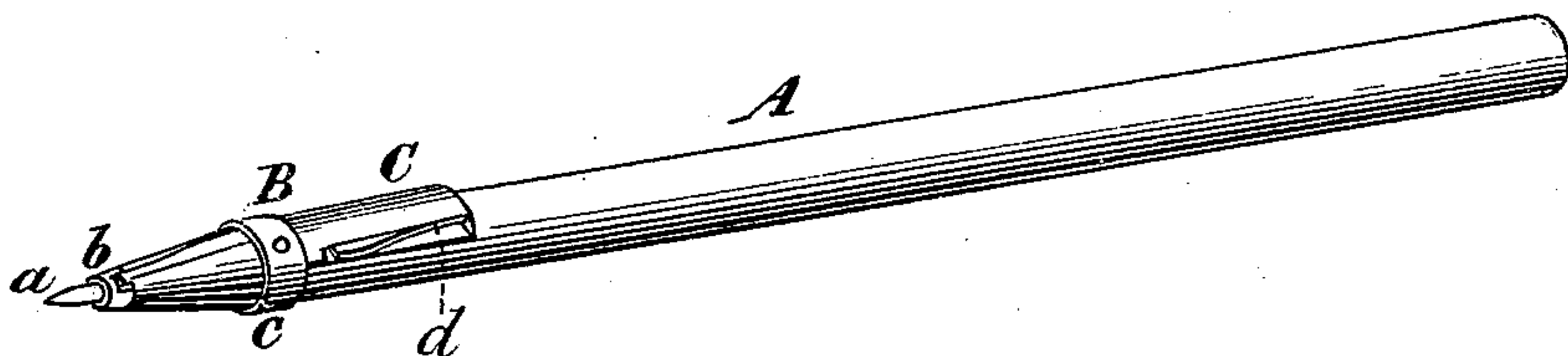


Fig. 2.

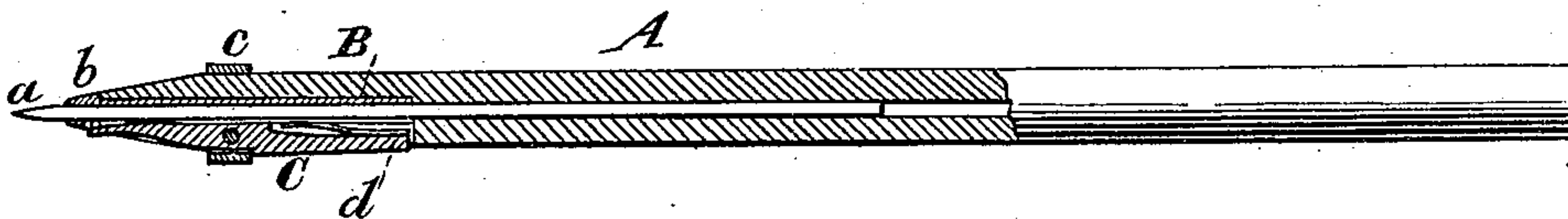


Fig. 3.

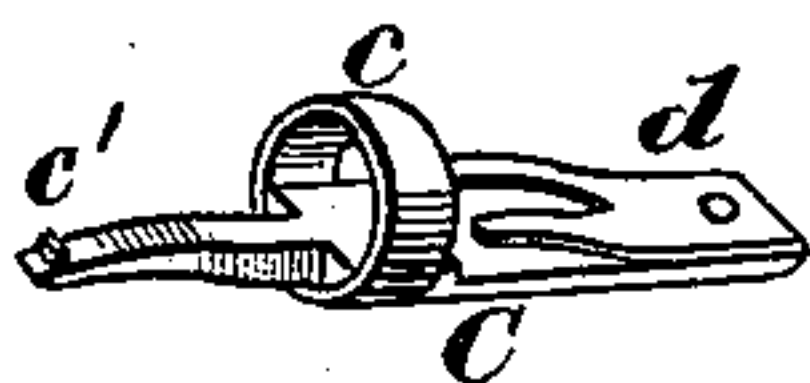


Fig. 4.

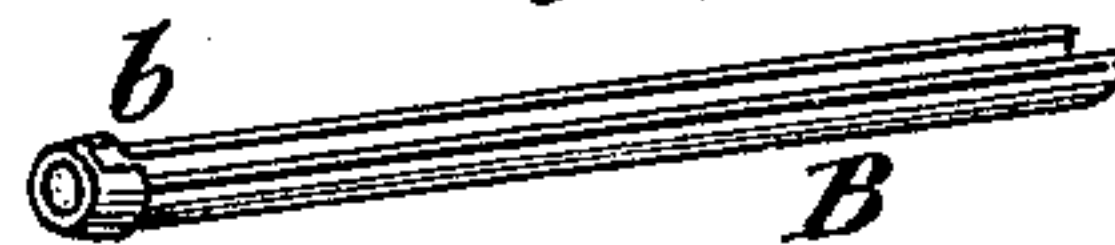
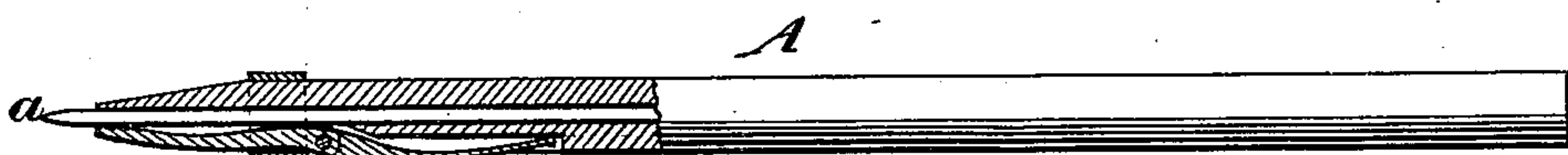


Fig. 5.



Witnesses.
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UNITED STATES PATENT OFFICE.

BRADLEY A. FISKE, OF NAPERVILLE, ILLINOIS.

PENCIL AND CRAYON HOLDER.

SPECIFICATION forming part of Letters Patent No. 226,607, dated April 20, 1880.

Application filed November 20, 1879.

To all whom it may concern:

Be it known that I, BRADLEY A. FISKE, of Naperville, in the county of Du Page and State of Illinois, have invented certain new and useful Improvements in Pencil and Crayon Holders; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification, and in which—

Figure 1 is a perspective view of my improved pencil. Fig. 2 is a view, mostly in longitudinal section, of the same. Figs. 3 and 4 are detail views thereof; and Fig. 5 is partly a section and side view of a modified form of my pencil.

The same part in the several figures is denoted by the same letter.

This invention has relation to certain improvements in lead-pencils, and more particularly to the projecting and retracting of the lead and the holding of the same when projected or retracted.

To these ends my improvement consists of the holding of the loose lead by a spring-clamping device, and in certain details of construction, substantially as hereinafter more fully set forth.

A in the accompanying drawings refers to the centrally-perforated wooden sheath or handle which receives and holds loosely the lead *a*, and which is tapered or pointed at one end in the usual way.

B is a slotted tube fitted in the tapered end of the sheath or handle A, with a forward-tapered shoulder, *b*, fitted upon the said end of the sheath or handle A, as shown.

C is a clamp or lever let into the side of the pencil near the tapered end, and pivoted in a ring or ferrule, *c*, claspings the pencil or sheath or handle A, the forward end of which clamp or lever is provided with a tooth, *c'*, which bears directly against the lead *a*. The rear end of the clamp or lever C is so acted upon by a spring, *d*, as to cause its tooth *c'* to bear against the lead, and thus effect the holding of the latter.

The spring *d*, instead of, as in this instance,

being separate from and fastened to the lever or clamp C, and bifurcated to rest upon the pencil without interfering with the lead, may be made in one piece with the lever or clamp, as seen in Fig. 5. In both instances the releasing of the forward end of the lever or clamp is effected by pressing, with the thumb or forefinger, inward upon the rear end of the lever or clamp.

In order to project the lead, hold the pencil with its tapered end downward and press, with the finger or thumb, inward upon the rear or upper end of the clamp C, when the lead will be released and allowed to be projected the desired distance, and be thus held by removing pressure from the clamp, allowing its forward end or tooth to come into forcible contact with the lead. When it is desired to retract or sink the point of the lead into the sheath or handle A, this can be done by holding the pencil with its tapered end downward against the paper or desk and pressing again inward upon the rear end of the clamp.

The releasing of the clamp causes its tooth *c'*, when the lead is sunk in the sheath or handle, to spring over the lead partly, and thus hold the lead in the sheath or handle.

As it is evident there are various ways of applying the spring-clamp to the pencil the method of its application may be varied without departing from the spirit of my improvement.

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

1. The combination, with the perforated sheath or handle, with its loose lead, of a pivoted spring clamp or lever so constructed that its clamping arm or tooth will be removed from the lead by lateral pressure on said lever, substantially as and for the purpose set forth.

2. The combination, with the perforated sheath or handle with its loose lead, of the spring clamp or lever with its pivotal point arranged between the free ends of same and adapted to permit of the releasing of said lead by lateral pressure on said lever or clamp, substantially as and for the purpose set forth.

3. The combination, with the perforated sheath or handle and its loose lead, of the spring clamp or lever, and ring or ferrule,

clasping the sheath or handle and forming a fulcrum for the lever or clamp, substantially as and for the purpose set forth.

4. The combination, with the perforated
5 sheath or handle having a loose lead and the spring clamp or lever with its pivotal point arranged between the free ends of same, of the tube fitted in the perforated sheath or handle, substantially as and for the purpose set forth.

10 5. The herein-described pencil, consisting of the sheath or handle having a loose lead, the

spring clamp or lever, the ring or ferrule, and the tube fitted in said sheath or handle, as a new article of manufacture.

In testimony that I claim the foregoing I 15
have hereunto set my hand this 1st day of November, 1879.

BRADLEY ALLEN FISKE.

Witnesses:

ANDREW M. HUNT,
DANIEL M. GUTERAS.