

J. B. SMITH.
PEN AND PENCIL CASE.

No. 193,190.

Patented July 17, 1877

Fig: 1.

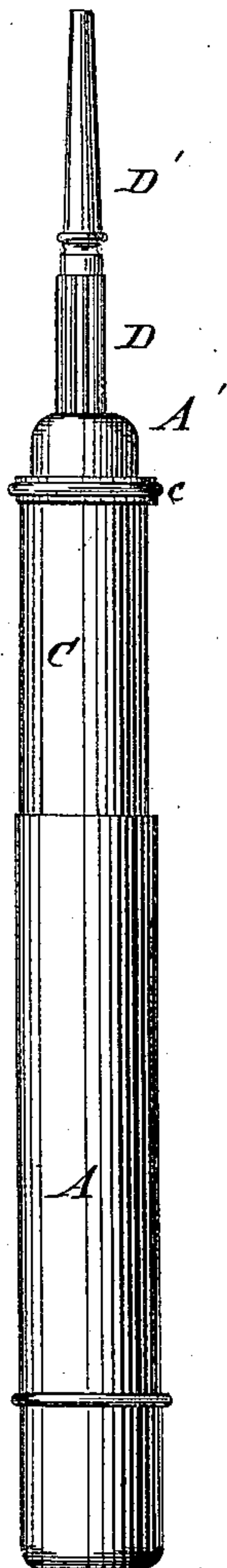
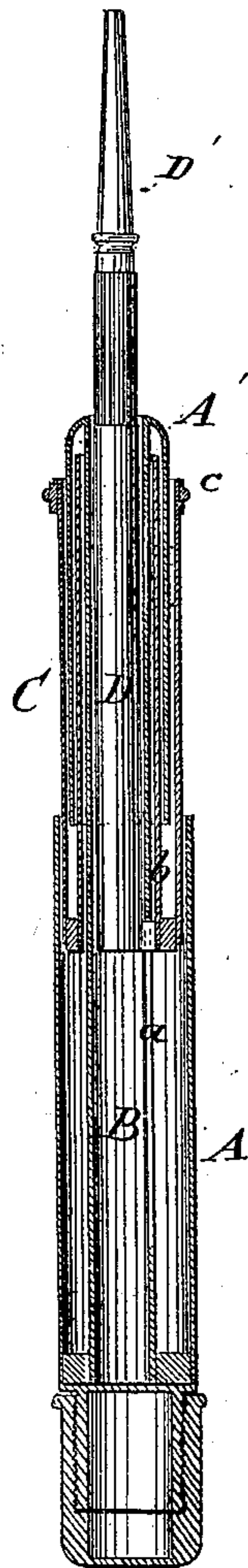


Fig: 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

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IMPROVEMENT IN PEN AND PENCIL CASES.

Specification forming part of Letters Patent No. **193,190**, dated July 17, 1877; application filed June 18, 1877.

To all whom it may concern:

Be it known that I, JAMES B. SMITH, of the city, county, and State of New York, have invented a new and Improved Pencil and Tooth-Pick Case, of which the following is a specification:

This invention relates to cases designed either for pencils or tooth-picks; and the nature of my invention consists in a novel arrangement of tubes within the stock or outside barrel, whereby the exposed part of the pencil-holder will be perfectly rigid, and strongly supported by an interior immovably-fixed tube, and this I do without slotting or perforating the exposed parts of the case, as will be hereinafter explained.

In the annexed drawings, Figure 1 is an external view of the improved case adapted for a lead-pencil. Fig. 2 is a diametrical section through the same.

Similar letters of reference indicate corresponding parts.

The letter A designates a tubular case, provided with a lead-receptacle and cap therefor at one end, and rigidly secured to an interior tube, B, which has a slot, *a*, in it. Tube B is considerably smaller than tube A, and it is secured at one end to a short tube, A', that forms an exposed extension of the case when the pencil is retracted.

The letter *b* designates a tube, which is be-

tween tubes A' and B, and which is secured at its inner end to the inner end of tube C, having a milled head, *c*, on one end. This tube C slides on the fixed tube A', and, with the tube *b*, is secured to the inner end of the pencil-tube D by means of a connection that plays in the slot *a* of tube B.

As before stated, the tube A' is stationary, and tube C slides on it in projecting or retracting the nib D'.

It will thus be seen that great strength and rigidity is afforded to the pencil-nib when it is projected, as shown in the drawing. At the same time I have a solid pencil-case—that is to say, its outer shells are not slotted nor perforated.

It is obvious that a tooth-pick may be fixed to the pencil tube or stem D, and rendered rigid and strong by my improvement.

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

In combination with the fixed strengthening-tube A', fixed to tube B, the sliding tubes C *b*, and pencil-stem D, substantially as described.

JAMES B. SMITH.

Witnesses:

C. SEDGWICK,
ALEX. F. ROBERTS.