

I. T. DYER.
PENCIL-SHARPENERS.

No. 171,110.

Patented Dec. 14, 1875.

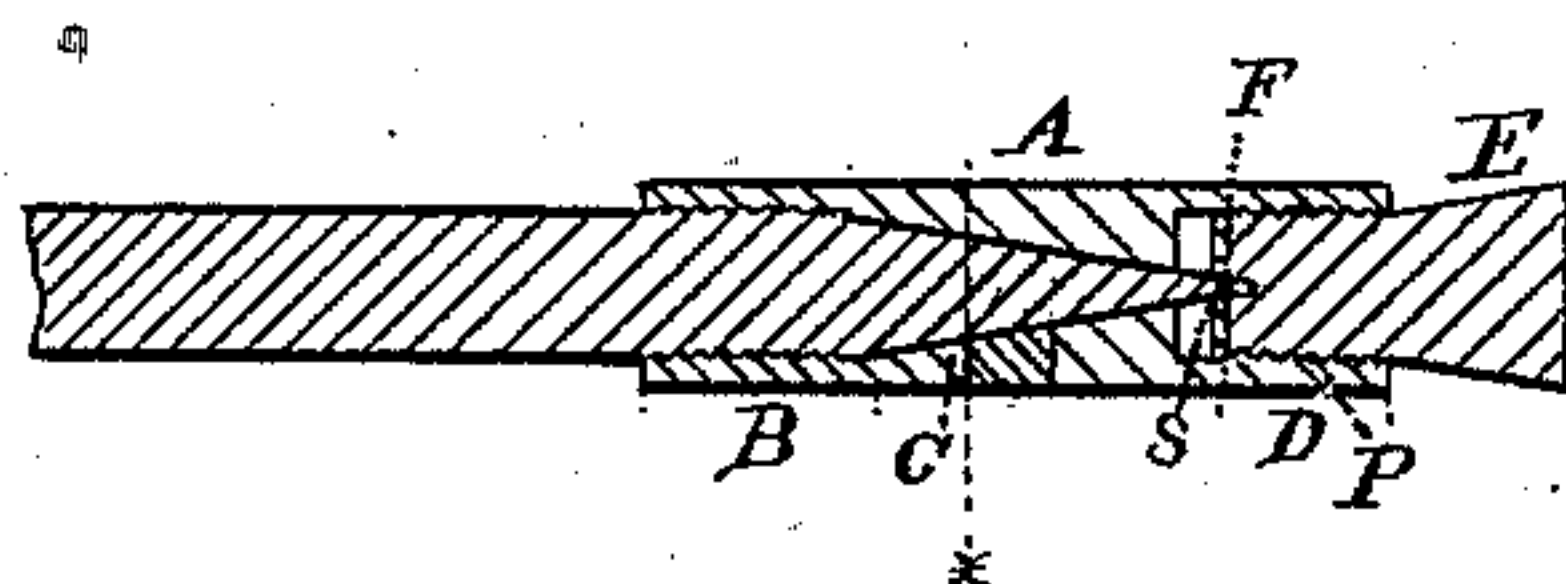


Fig. 1.



Fig. 2.

Witnesses:

O. H. Adix.
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Inventor:

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By G. L. Chapin
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UNITED STATES PATENT OFFICE.

ISAAC T. DYER, OF STREATOR, ASSIGNOR TO HIMSELF AND VIRGIL T. PRICE, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN PENCIL-SHARPENERS.

Specification forming part of Letters Patent No. **171,110**, dated December 14, 1875; application filed June 2, 1875.

To all whom it may concern:

Be it known that I, ISAAC T. DYER, of Streator, in the county of La Salle and State of Illinois, have invented a new and useful Improvement in Pencil-Sharpener, Erasers, and Pencil-Point Protectors, of which the following is a specification:

The present invention consists in a cylindrical case, which is provided with a corrugated conical sharpener, a thimble for holding an erasing-substance, and a partition for regulating the depth which the erasing-substance extends, the partition being provided with an aperture, whereby the end of a pencil may bear against an elastic substance and not be broken or injured, as the whole is hereinafter described and shown.

In the drawings, Figure 1 is a longitudinal section of my improvement; Fig. 2, a transverse thereof on line *x*, Fig. 1.

A represents cylindrical case, which is made of metal or other suitable material, and provided with a corrugated conical sharpener, C, of such shape as to give a suitable form to the point of lead or slate pencil. In practice, the corrugated cone C may be made of steel, and placed in a cylinder, A, of brass or white

metal, or other non-corrosive material. The end of the cylinder from dotted lines B on its inside may be provided with a screw-thread, to better hold a pencil-point in the case. The partition F is provided with an aperture, *s*, by means of which a pencil-point, in being sharpened, may come in contact with the rubber E, and not be broken and injured. Another function of the partition is to prevent the rubber from being put into the cylinder A so far as to interfere with the sharpening process. From D to D, in the inside of the cylinder, is cut a screw-thread, P, for holding the erasing-substance firmly in place.

In the drawing, Fig. 1, a pencil is in position as when being sharpened or placed in the case as a protection against injury.

I claim as new—

The cylindrical case A, provided with a pencil-sharpening device, C, a partition with aperture *s*, and screw-thread P, for supporting an eraser, as set forth.

ISAAC T. DYER.

Witnesses:

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