

(No Model.)

L. P. SPENCER.
SLATE PENCIL SHARPENER.

No. 570,570.

Patented Nov. 3, 1896.

Fig. 1.

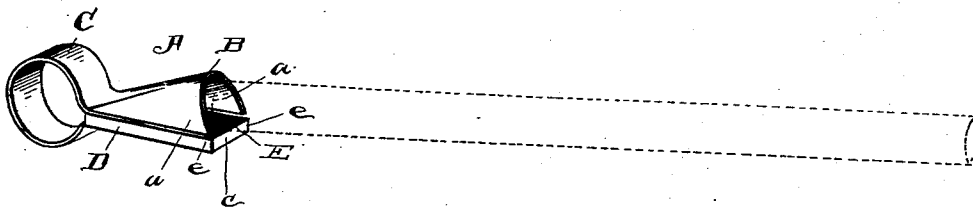


Fig. 2.

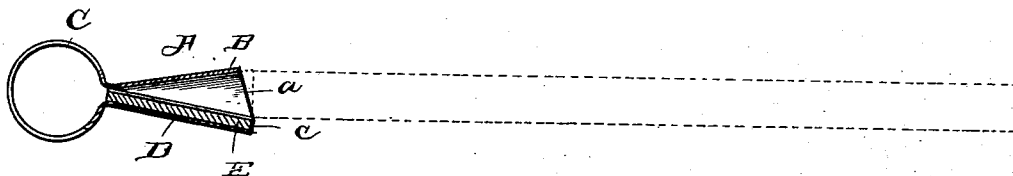
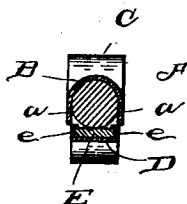


Fig. 3.



Witnesses:

Wm. F. Doyle
J. A. Wilson

Inventor.

Lucretia P. Spencer
By H. B. Willson.

Attorney.

UNITED STATES PATENT OFFICE.

LUCRETIA P. SPENCER, OF DOVER, DELAWARE.

SLATE-PENCIL SHARPENER.

SPECIFICATION forming part of Letters Patent No. 570,570, dated November 3, 1896.

Application filed July 21, 1896. Serial No. 599,999. (No model.)

To all whom it may concern:

Be it known that I, LUCRETIA P. SPENCER, a citizen of the United States, residing at Dover, in the county of Kent and State of Delaware, have invented certain new and useful Improvements in Slate-Pencil Sharpeners; and I do 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.

My invention has relation to improvements in slate-pencil sharpeners, and the object is to produce a simple and inexpensive, as well as durable, device of this kind; and to this end the novelty consists in the construction, combination, and arrangement of the same, as will be hereinafter more fully described, and particularly pointed out in the claims.

In the accompanying drawings the same letters of reference indicate the same parts of the invention.

Figure 1 is a perspective view of my improved slate-pencil sharpener as it appears in operation. Fig. 2 is a longitudinal section of the same; and Fig. 3 is a cross-section thereof.

A is the holder, and it is preferably made of one piece of spring metal, formed with an open-mouthed semicircular conical-shaped guide-shield B, having a circular spring-handle C, formed with a jaw D, extending approximately parallel with the open side of the guide-shield B. In this jaw D is removably secured the file-blade E by the side flanges *e* and the end flange *c* of the jaw.

In operation the device may be held between the thumb and forefinger of the left hand and the pencil being held in the right hand its

point is inserted in the guide-shield B, which holds the pencil against the face of the file. As the pencil is rotated and its end ground or cut away the spring-handle C presses the conical guide-shield against that side of the end of the pencil, forcing its opposite side against the file-blade until a perfect conical point is formed on the end of the pencil.

The ears *aa* of the shield B extend on each side of the jaw D and prevent the end of the pencil from slipping out sidewise.

Having thus fully described my invention, what I claim as new and useful, and desire to secure by Letters Patent of the United States, is—

1. As a new article of manufacture, a pencil-sharpener comprising a conical guide-shield, a circular spring-handle, and a jaw having retaining-flanges, the whole formed of a single piece of spring metal, in combination with a file-blade secured between the flanges on said jaw, substantially as shown and described.

2. As a new article of manufacture, a pencil-sharpener, comprising the conical guide-shield B, having projecting ears *aa*, the spring-handle C, and the jaw D having the retaining-flanges *e* and *c*, and the file-blade E secured to said jaw opposite the conical shield B, substantially as shown and described.

In testimony whereof I hereunto affix my signature in presence of two witnesses.

LUCRETIA P. SPENCER.

Witnesses:

W. W. CONNER,
FRANCIS R. HOPE.