

W. H. Alcorn,

Slate-Pencil Sharpener and Holder.

N^o 67,245.

Patented July 30, 1867.

Fig. 1.

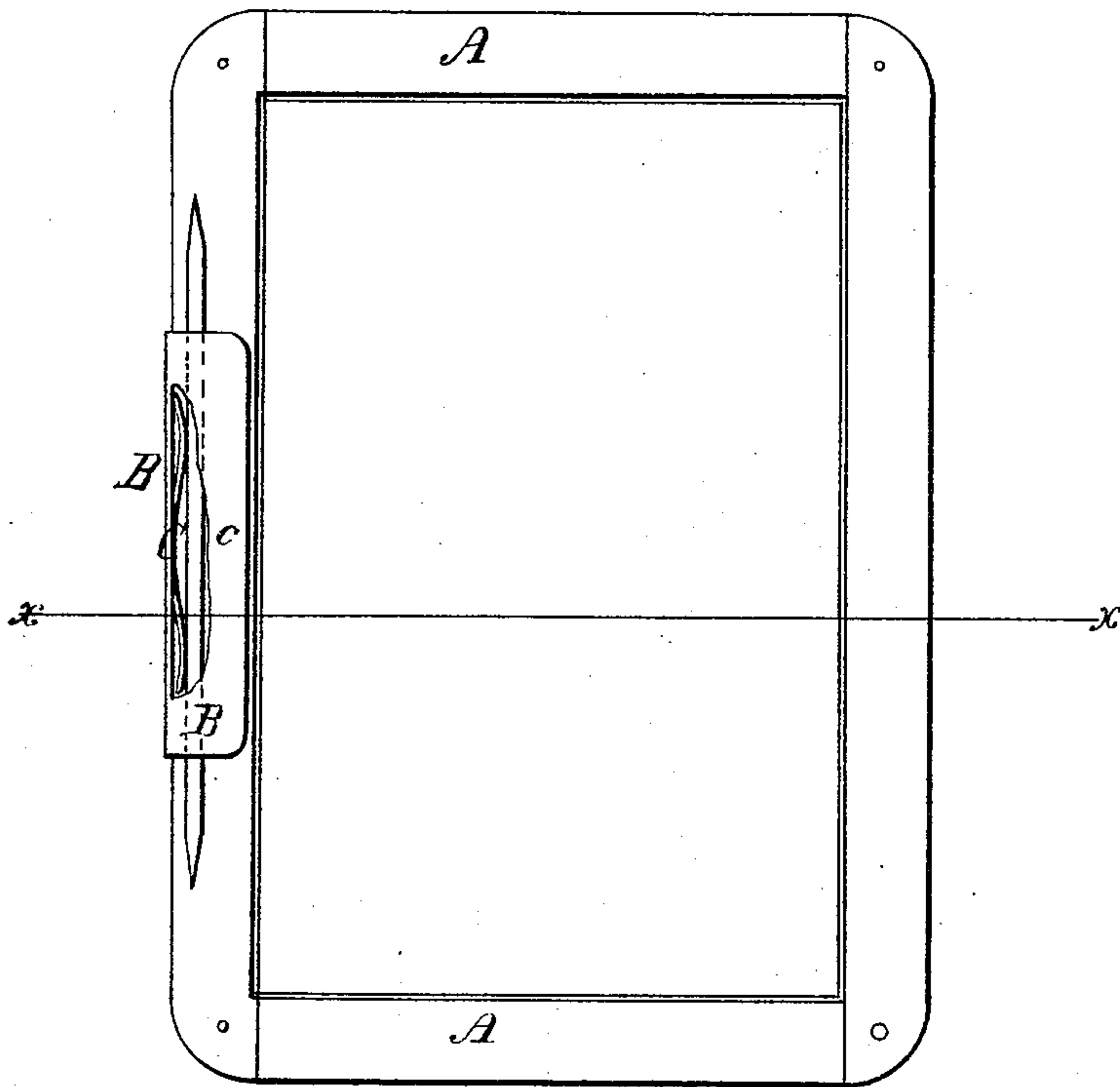


Fig. 2.

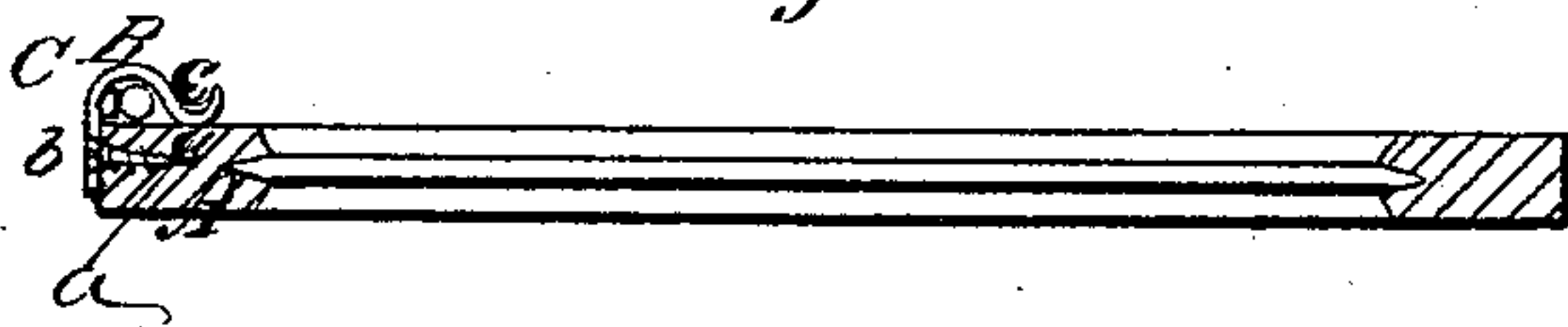
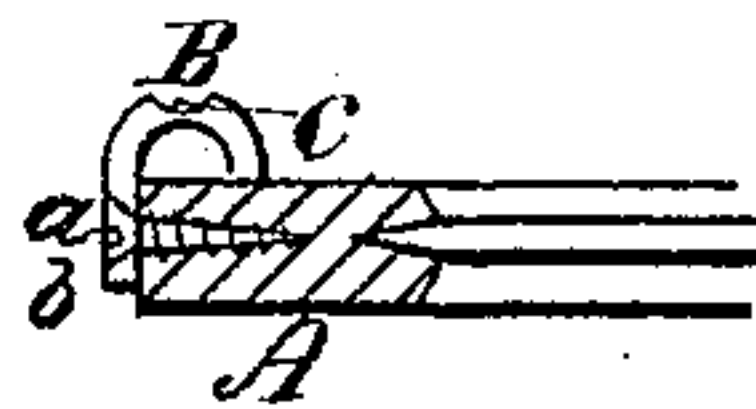


Fig. 3.



Witnesses.

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W. H. ALCORN, OF NEW YORK, N. Y.

Letters Patent No. 67,245, dated July 30, 1867.

SLATE-PENCIL SHARPENER AND HOLDER.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, W. H. ALCORN, of the city, county, and State of New York, have invented a new and improved Slate-Pencil Sharpener and Holder; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 represents a front view, partly in section, of my invention.

Figure 2 is a transverse section of the same, the plane of section being indicated by the line *x x*, fig. 1.

Figure 3 is a detail sectional view, showing a modification of my invention.

Similar letters of reference indicate corresponding parts.

This invention relates to a new attachment to school-slates, and consists in an arrangement for holding and sharpening slate-pencils, which is fixed to the slate-frame so as to form part of the same. The holder is so made that it will be adapted to pencils of various diameters, while the sharpening device is made substantial, and cannot be easily worn out.

A represents the frame of a school-slate. To its side or edge is secured, by means of screws *a* or otherwise, a metal or other plate, B, which appears S-shaped in cross-section, as shown in fig. 2. Lugs *b b* project from the sides or ends of this plate, and are perforated to allow the screws *a* to pass through them, or a portion of the plate itself is perforated for that purpose. That portion of the plate which appears convex from the outside forms a hollow chamber open at both ends for holding the pencil. A spring, C, is arranged in it to press the pencil against the opposite side, as seen in fig. 1. By means of this spring the holder will be able to hold all pencils that are not larger than the opening in the holder. The concave outer side *c* of the plate B is corrugated or roughened so that the point of the pencil may be sharpened by drawing it over the thus prepared surface. This concave roughened surface *c* may be formed on the surface of the holder, as shown in fig. 3. The plate B may be made of any suitable material, and also the slate-frame A can be made of suitable form or material.

This invention will be found of great value in schools, as the pencils will not be so frequently lost or broken, a proper receptacle for them being provided.

I claim as new, and desire to secure by Letters Patent—

1. Providing a slate-frame with a combined slate-pencil holder and sharpener, for the purpose set forth.
2. The semi-tubular plate B, when provided with one or more lugs *b*, or their equivalents, and with a spring, C, and with a corrugated surface, *c*, all as set forth.

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Witnesses:

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