P. R. HANSBURY.

PENCIL-SHARPENER.

No. 192,258. Patented June 19, 1877.

Fig 1

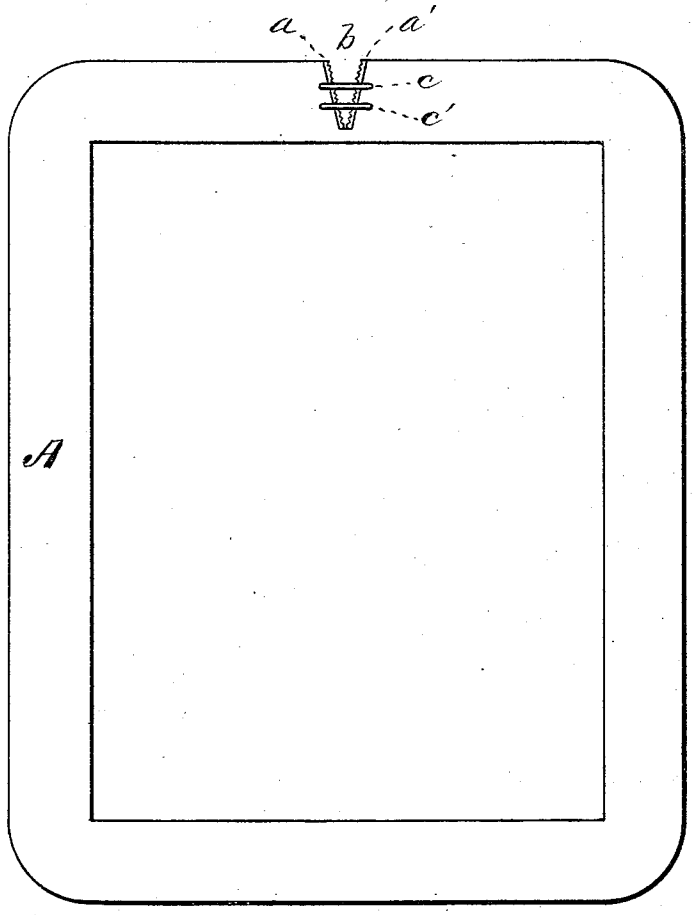
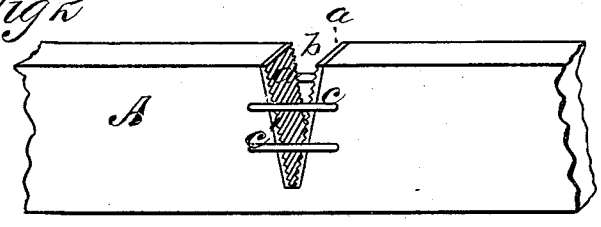


Fig 2



WITNESSES

M. F. Utley

F. J. Mastil

INVENTOR

Peter R. Hansbury.

by E. W. Anderson

ATTORNEY

N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

PETER R. HANSBURY, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN PENCIL-SHARPENERS.

Specification forming part of Letters Patent No. **192,258**, dated June 19, 1877; application filed April 21, 1877.

To all whom it may concern:

Be it known that I, PETER R. HANSBURY, of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented a new and valuable Improvement in Slate-Pencil Sharpener to be attached to school utensils; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a side view of my invention applied to a slate-frame, and Fig. 2 is a perspective view of the same.

This invention has relation to improvements in means for sharpening slate-pencils; and it consists in the construction and novel arrangement, in connection with a slate-frame, of an angular notch cut in said frame, metallic file-plates seated in said notch upon its opposite inclined sides, and spaced metallic rods extending on each side of said frame, across said notch, as will be hereinafter more fully described.

In the annexed drawings, the letter A designates the slate-frame, having, preferably, in its end rail an angular notch, *b*, in which are secured, by any suitable means, upon its inclined sides, metallic file-plates *a a'*. These plates are arranged opposite one another, and their outer faces are oppositely and obliquely corrugated; consequently the said plates will each present a different or opposite cutting-edge for the pencil, which is to be drawn horizontally through said notch.

c c' designate spaced metallic rods extending across the notch *b* aforesaid, the ends of which are fastened in the frame beyond said notch. These are arranged the one above the other, and form supports for the pencil during the operation of sharpening.

The manner of operating my improved sharpening device is as follows: The end of the pencil to be sharpened is first placed in the slot, the uppermost rod *c* supporting it on each side of the frame, and is then drawn back and forth through the notch until, through the filing away of its substance, it has become too small to present any surfaces to the plates. It is then withdrawn and thrust between the uppermost rod *c* and the one *c'* below it, until it has, in like manner, become too small for that portion, and so on the same mode is continued until the pencil end has become sufficiently sharp for use.

In practice I may, if I so elect, adapt my improved device to desks, rulers, benches, and the like articles commonly used in schools.

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

The combination, with a slate-frame, having an angular notch formed therein, of the inclined file-plates *a a'* and the spaced parallel bars extending across the said notch, substantially as specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

PETER R. HANSBURY.

Witnesses:

HENRY MACTIER,

E. R. ELLISON.