

NANCY A. PORTER.

Slate-Frame.

No. 159,839.

Patented Feb. 16, 1875.

Fig. 1.

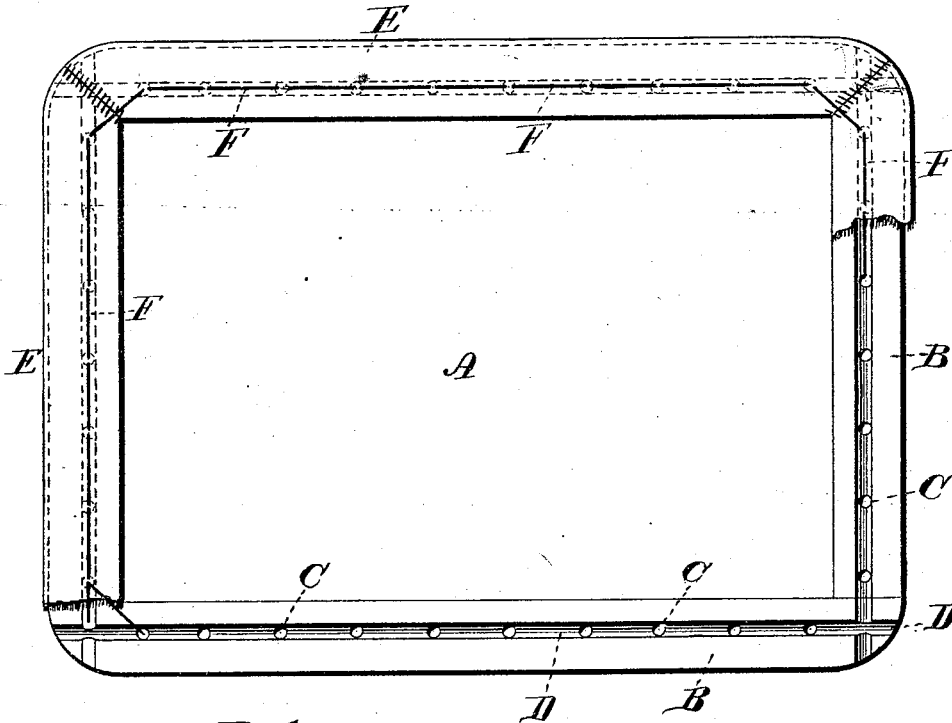
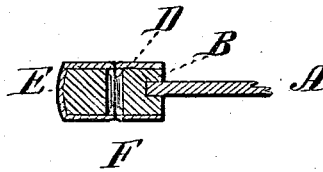


Fig. 2.



WITNESSES  
*W. J. Newman*  
*A. M. Barr*  
By  
Nancy A. Porter, INVENTOR  
*Leggett & Leggett*, Attorneys.

# UNITED STATES PATENT OFFICE.

NANCY A. PORTER, OF WARREN, OHIO.

## IMPROVEMENT IN SLATE-FRAMES.

Specification forming part of Letters Patent No. **159,839**, dated February 16, 1875; application filed January 14, 1875.

*To all whom it may concern:*

Be it known that I, NANCY A. PORTER, of Warren, Trumbull county, State of Ohio, have invented a new and Improved Frame for Slates; and declare the following to be such a full, clear, and exact description thereof as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawing, which forms a part of this specification.

My invention relates to an improvement in slate-frames; and consists in a novel means whereby the slate-frame can be muffled, so that the article can be used without noise.

In the drawing, Figure 1 presents in plan a view of the slate with a frame embodying my invention, and showing a portion of the frame muffled, and a portion of it before it is muffled. Fig. 2 is a sectional view of same.

A is a slate; B, its frame. C are holes made through the frame at regular intervals, and extended clear around the slate. D is a corrugation running clear around the slate, connecting the holes C. E is woolen cloth, buckskin, or any other suitable substance for muffling the slate-frame. It is lapped over both

sides of the frame, as indicated, and is then sewed to it by passing the stitches F through the holes C and drawing the cord tight into the corrugations D, so that the stitching will lie below the general surface of the cloth, or its equivalent, upon the frame.

I propose to make the frame as indicated, whereby it can be used as an ordinary slate-frame without muffling; or, if desired, the muffling can be readily attached.

I also propose to manufacture the slate complete with the muffling attached.

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

1. The slate-frame B, provided with perforations C and corrugations D, substantially as and for the purpose described.

2. The combination, with the slate-frame B, provided with the perforations C and corrugations D, of the muffling material E, in the manner substantially as set forth.

NANCY A. PORTER.

Witnesses:

C. A. HARRINGTON,  
WM. T. SPEAR.