

(No Model.)

H. S. SEMMEL.
SLATE FRAME.

No. 496,798.

Patented May 2, 1893.

Fig. 1.

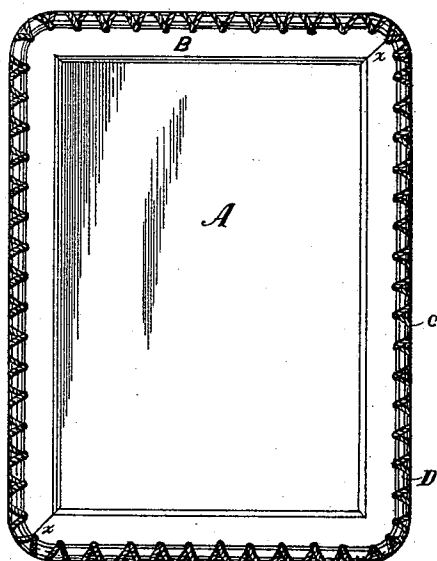


Fig. 2.

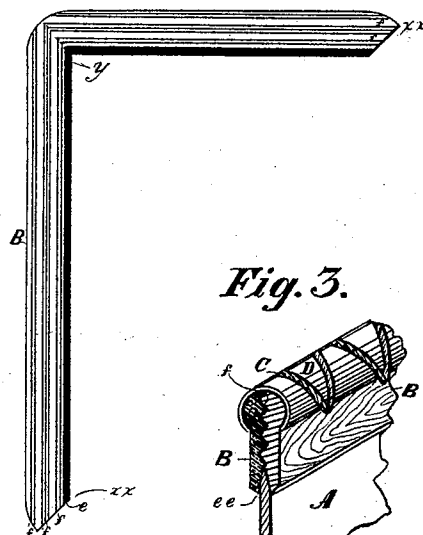
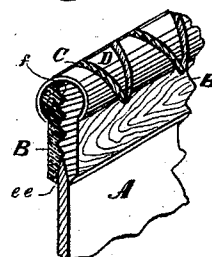


Fig. 3.



WITNESSES

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HOWARD SAMUEL SEMMEL, OF SLATINGTON, PENNSYLVANIA, ASSIGNOR OF
ONE-HALF TO JOHN W. BALLIET, OF SAME PLACE.

SLATE-FRAME.

SPECIFICATION forming part of Letters Patent No. 496,798, dated May 2, 1893.

Application filed September 11, 1891. Serial No. 406,424. (No model.)

To all whom it may concern:

Be it known that I, HOWARD SAMUEL SEMMEL, of the borough of Slatington, county of Lehigh, and State of Pennsylvania, have invented a new and useful Improvement in Slate-Frames, of which the following is a full description, reference being had to the accompanying drawings, in which—

Figure 1 is a face view of a slate embodying my invention. Fig. 2 is an inside view, showing a one fourth part of a frame before put together. Fig. 3 is an enlarged detail sectional view of the frame.

It is customary to provide the edges of wooden slate frames with cloth or similar material to render them noiseless; also to provide the frame with lace or cord or other muffling material.

In order to save labor and expense in the manufacture of slate frames I have invented a compressed paper slate frame, which is constructed as hereinafter more fully set forth.

In the accompanying drawings similar letters of reference indicate like parts of the invention.

A is the slate, B the frame, and C shows the printed resemblance or imitation of a cord or lace around the edge of the frame.

D is a strip of paper, leather, cloth or any suitable material for a muffler which may be pasted or glued around the edge of the frame B.

In Fig. 2, *e* shows the beveled edge of the one part of the frame B, and both sides placed and glued together forms a groove to fit on the ordinary edged slate as shown at *ee* in Fig. 3. *f* in Fig. 2, shows the corrugated grooves on the inside of these parts as they are before glued together.

The slate frame is made of compressed paper in four parts. Each side of the slate is made in two parts all parts being of like L-shaped pattern as shown in Fig. 2. These parts are pressed and made so as to be jointed with the ends *xx* in Fig. 2, and in same Fig. 2 at *y* is shown that these parts B are not apart. The frame on each side as shown in Fig. 1, is only joined at *x* or on two corners of the frame as shown on one side and the opposite joints are made in same manner but

not at the same corners, thereby giving one joint to each corner, but only two joints showing on one side of the frame. The strip of paper "D" may be glued or pasted around the frame for a neater appearance but is not necessary, and C is the imitation cord or lace, printed on same when the slate is finished. Such an imitation may be made by embossing the frame and then printing or only by printing it when the slate is ready framed, and such embossing and printing may be done in different figures or designs, for the better appearance of the frame, also in corrugating the different sections of the frame as shown in Fig. 2, at *f* are showing the corrugated ribs lengthwise, but these may be also put in in different forms or shapes, only so as to have always two patterns to fit together in order to glue and fit them with tight joints in a rapid manner and also making them more substantial and durable, when finished. Any style or design may be printed on the frame such as an imitation of wood as shown in Fig. 3 on B.

The compressed paper frame is always first before framing dipped in a liquid made for that purpose, which hardens and stiffens the paper, making it more durable and substantial, but keeping it noiseless, like other noiseless frames.

I do not limit myself to the exact form of corrugations in the different sections of the slate frame, or the style of designs in printing or embossing on the slate frame, already shown and described, since other forms and designs may be used, and that the frame may be composed of four or more sections and the joints may be made at different places, but the plan here shown is most desirable. The same plan of gluing the sections together is also most desirable but can be made in different other ways such as by rivets, clasps or eyelets.

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

1. The combination with a slate of a frame composed of four similar sections each having two limbs to embrace two edges of the slate, and corrugated or grooved on their inner faces, and means for uniting said sec-

tions, substantially as and for the purpose specified.

2. The combination of a slate of a frame
5 composed of four similar parts, each part extending along two edges of the slate and grooved on its inner face, means for uniting the parts, and a muffling strip applied along

and over the edges of the parts when united, substantially as and for the purpose specified.

HOWARD SAMUEL SEMMEL.

Witnesses:

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WILLIAM M. SELL.