

(No Model.)

F. W. MALLET.
SCHOOL SLATE.

No. 268,252.

Patented Nov. 28, 1882.

fig. 1

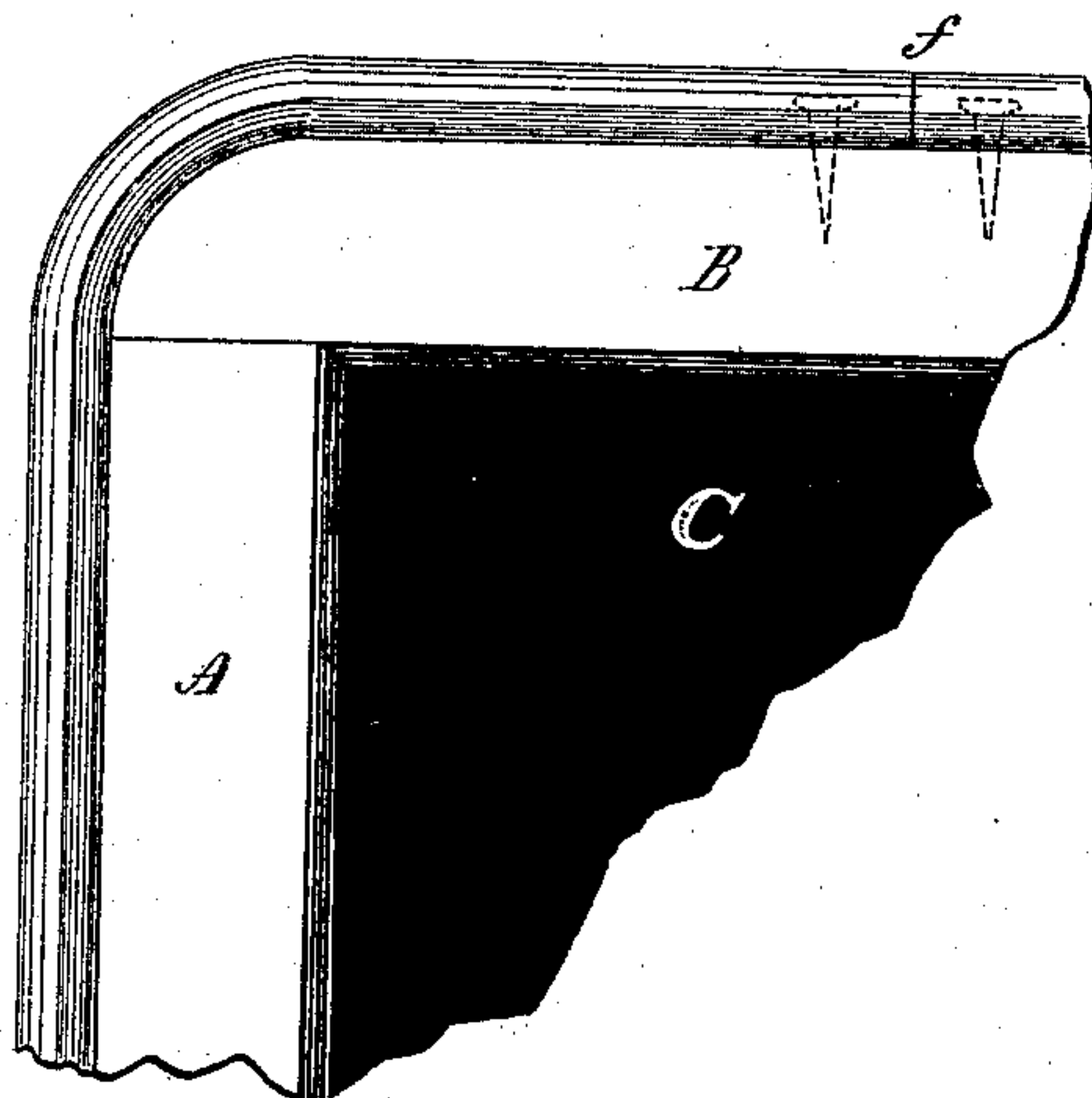


fig. 4

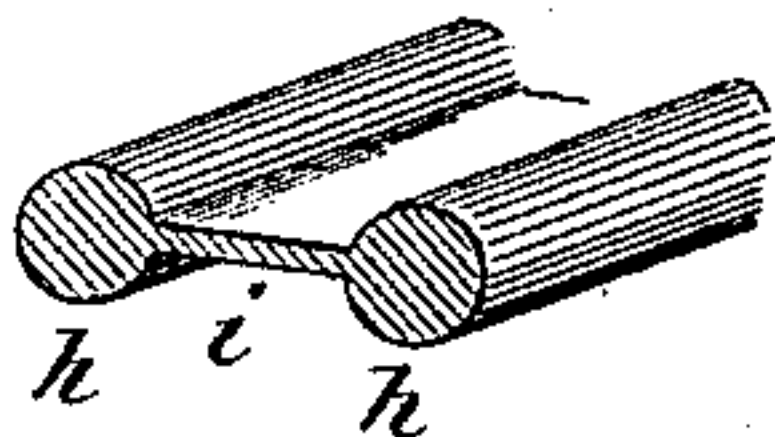


fig. 2

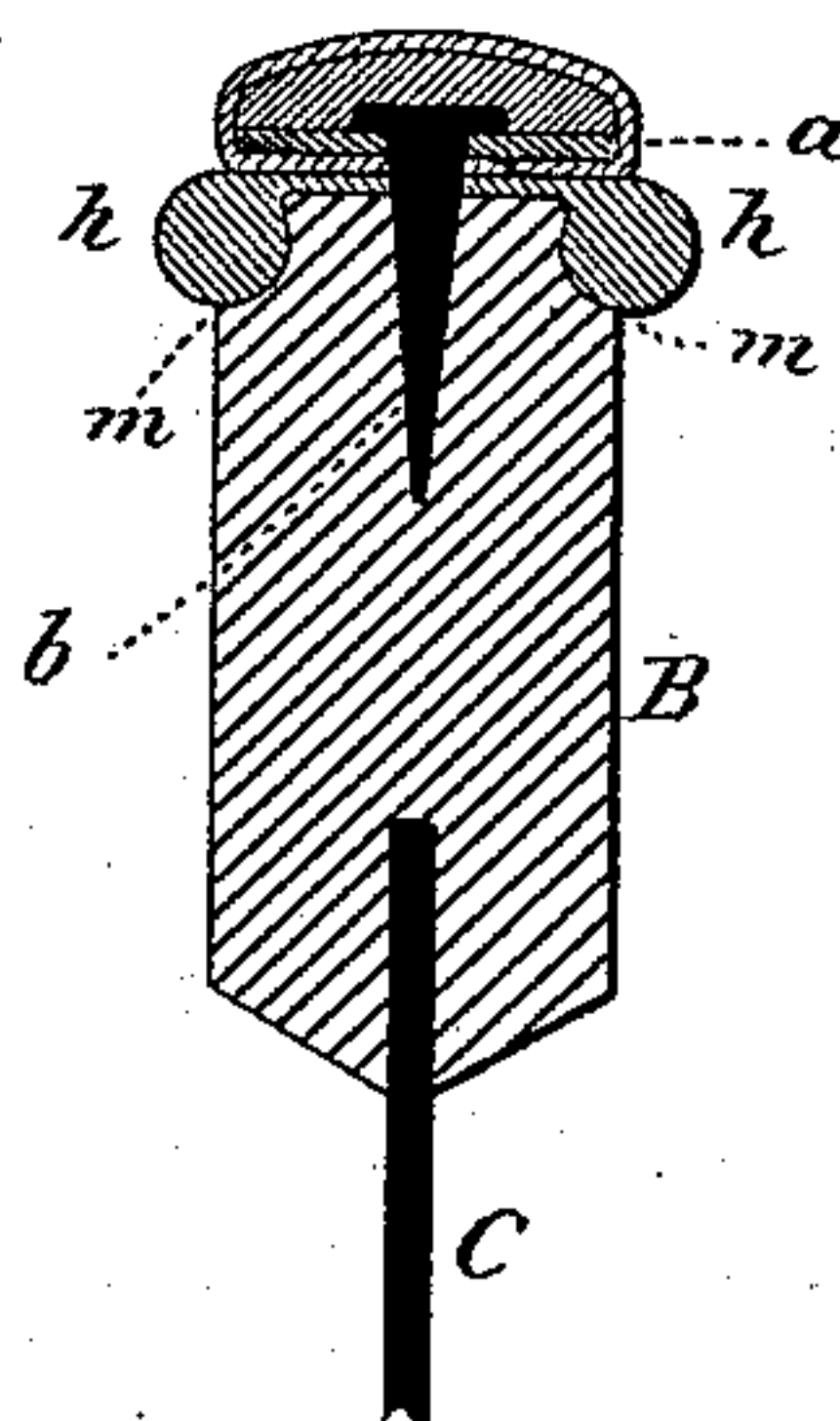
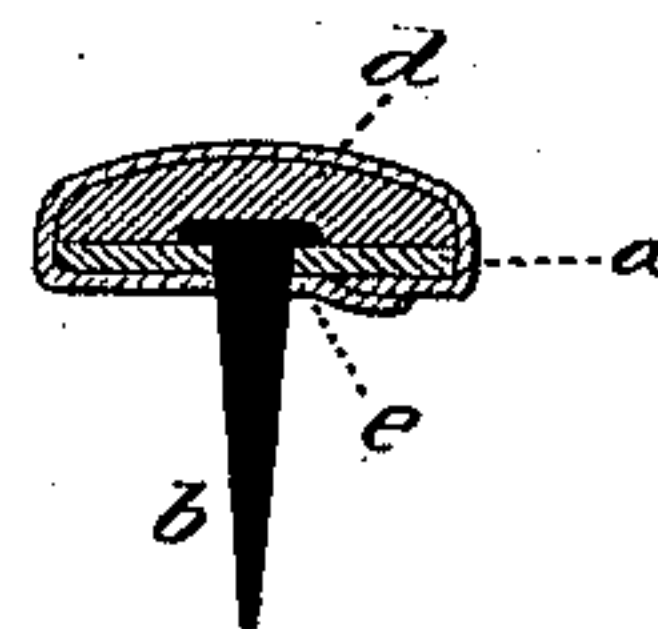


fig. 3



Witnesses.

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UNITED STATES PATENT OFFICE.

FRANCIS W. MALLETT, OF SLATINGTON, PENNSYLVANIA.

SCHOOL-SLATE.

SPECIFICATION forming part of Letters Patent No. 268,252, dated November 28, 1882.

Application filed March 4, 1882. (No model.)

To all whom it may concern:

Be it known that I, FRANCIS W. MALLETT, of Slatington, in the county of Lehigh and State of Pennsylvania, have invented a new Improvement in School-Slates; and I do hereby declare the following, when taken in connection with accompanying drawings and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, a face view of a portion of the slate and frame complete; Fig. 2, a transverse section through one of the tacks; Fig. 3, a transverse section of the band as prepared for attachment to the frame; Fig. 4, a perspective view of the side bands.

This invention relates to an improvement in school-slates, the object being to strengthen the frame, as well as to cushion it, so that it will be noiseless upon the desk.

The wood frames of school-slates are secured at the angles by various devices, as by pins, dowels, and various interlocking devices; but in the hard use to which a school-slate is exposed these soon loosen, so that the frame separates at the angles, and the slate becomes useless.

The object of my invention is to strengthen the frame, and with such strengthening secure cushions upon the edge of the frame; and it consists in applying a metal band or hoop around the edge of the slate, the said band inclosed by a cushion and secured by tacks in the band, as more fully hereinafter described.

A B represent one side and end of a common round-cornered slate-frame; C, the slate.

To strengthen the frame, I take a strip, *a*, of sheet-iron or other suitable metal, about the width of the thickness of the frame, and perforate this at numerous points along its length, and through each of the perforations introduce a tack, *b*, as seen in Fig. 3, the head resting upon the upper or outside edge of the band.

Onto this band of metal I place a strip, *d*, of pasteboard or other suitable filling material. I then take a strip of fabric, leather, or other suitable material, and place one edge, *e*, upon the under side of the metal band *a* and over the tacks, as seen in Fig. 3, so that the tacks serve to hold that edge to the band, then draw

it over one edge of the band, over the filling *d*, around the other edge of the band and to its under side, where it holds the first edge, and there secure the two edges together by paste or otherwise, which completes the edge-band or cushions for the slate. This band is made in strips of sufficient length to extend entirely around the edge of the slate-frame, and may be made in very long lengths to be cut into shorter lengths as required for the frames. I apply it to the frame, beginning at one end of the band and driving the first tack into the edge of the frame, and so on around the slate until the two ends are brought together, as at *f*, Fig. 1. This metal band strengthens the slate-frame, so that it is impossible for it to separate at the angles, the cushion preventing the noise upon the desk. The band and filling may be in relation to the thickness of the frame so that the covering will project each side and form a surface-cushion for the frame; but I prefer to combine with this band and cushioned surface cushions made as seen in Fig. 4. These consist of two cords, *h*, of flexible or elastic material, connected by a web, *i*. At each side, on the edge of the frame, recesses *m* are cut, in which the cords lie, as seen in Fig. 2. These are placed in position before the band is applied; then the application of the band firmly secures the cords in place, as seen in Fig. 2.

While I prefer to introduce the tacks or securing-points through the band in the manner shown and described, they may be otherwise formed or attached, it only being essential that a metal band shall be provided with points to be driven into the frame as a means of securing the band to the frame.

Instead of securing the covering by one edge to the band, it may be otherwise secured—as, for instance, the two edges may come together on a central line and there be stitched, or they may be pasted to the under side of the metal band; yet I prefer the first-described method of attachment.

I do not claim broadly a band-like cushion around the edge of the slate-frame; neither do I claim side cushions; but

What I do claim is—

1. A slate-frame provided with the metal band *a*, having securing-points *b* attached thereto, combined with the filling *d* outside

the band, and inclosed by a covering, substantially as described.

2. A slate-frame provided with the metal band *a*, having securing-points *b* attached
5 thereto, combined with the filling *d* outside the band, and the covering secured by one edge to the said points drawn over the filling, the other edge secured upon the under side of the band, substantially as described.

10 3. A slate-frame provided with the metal

band *a*, having securing-points *b* attached thereto, the said band inclosed by a covering, combined with the side cushions, *h h*, arranged in recesses on the frame, and secured in place by said band, substantially as described.

FRANCIS W. MALLETT.

Witnesses:

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