

Lugenbell & Ford,

Slate Frame.

No. 113,678.

Patented Apr. 11, 1871.

Fig. 1



Fig. 2.

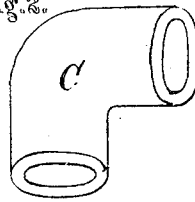


Fig. 3.

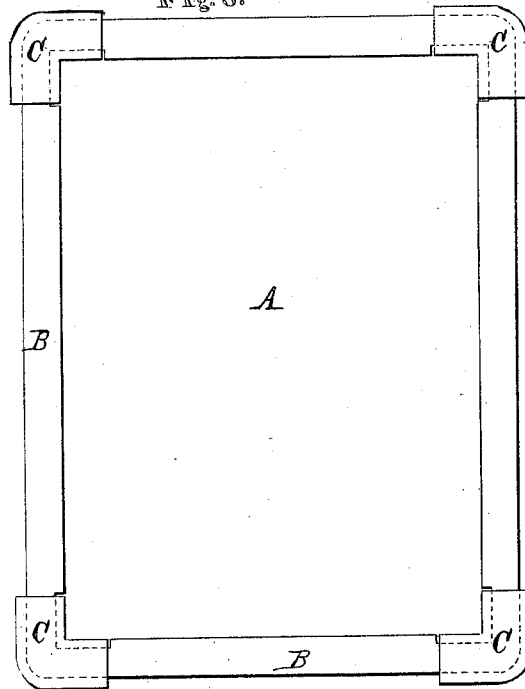
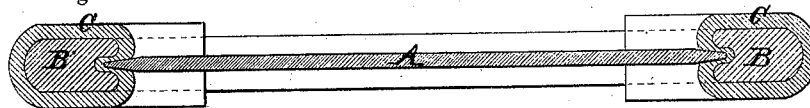


Fig. 4.



Witnesses.

Chas. Kenyon

H. H. Kane,

Inventors

P. Luganbell,

H. A. Ford,

Chipman Hosmer & Co.

Attorneys

United States Patent Office.

PETER LUGENBELL AND WILLIAM A. FORD, OF GREENSBURG, INDIANA.

Letters Patent No. 113,678, dated April 11, 1871.

IMPROVEMENT IN SLATE-FRAMES.

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

To all whom it may concern:

Be it known that we, PETER LUGENBELL and WILLIAM A. FORD, of Greensburg, in the county of Decatur and State of Indiana, have invented a new and valuable Improvement in "Slate-Bands;" and we 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 drawing making a part of this specification and to the letters and figures of reference marked thereon.

Figure 1 of the drawing is a representation of my band, formed by notching the ordinary rubber tubing.

Figure 2 is a view of the elbow-band manufactured in form.

Figure 3 is a front view of the slate.

Figure 4 is a cross-section of the same.

Our invention relates to means for preventing the noise and disturbance caused by the clattering of slate-frames on the desks of schools; and

It consists in the construction and novel arrangement of rubber bands or tubing, encircling the wooden frame at the corners, and secured by the elasticity of the rubber alone.

The letter A of the drawing designates an ordinary slate;

B represents its frame; and

C designates the rubber band which encircles the frame at each corner.

This band may be formed from rubber tubing of suitable size by cutting therein a V-shaped notch, the edges of which are brought together in forming the elbow; or the band may be manufactured with the required angle, as shown at fig. 2 of the drawing.

When the slate is in the frame the inner side of the band is pressed into the groove of the slate-frame, thereby not only keeping the band securely fixed at the corner, but also serving an excellent purpose in tightening the frame at the joints, preventing the escape of the fastening-pins, and obviating the movement of the slate in its grooves.

Sometimes the slate-frame is cut away at each corner on the inside, and the depth of the re-entering angle made by the band thereby diminished.

What we claim as our invention, and desire to secure by Letters Patent, is—

The tubular elbow-band C for binding slate-frames at the corners, substantially as specified.

In testimony that we claim the above we have hereto subscribed our names in the presence of two witnesses.

PETER LUGENBELL.
WILLIAM A. FORD.

Witnesses:

CHRIS. SHANE,
J. L. WOODEN.