

(No Model.)

G. H. BARTLETT.
NOISELESS ATTACHMENT FOR SCHOOL SLATES.

No. 498,456.

Patented May 30, 1893.

Fig. 1.

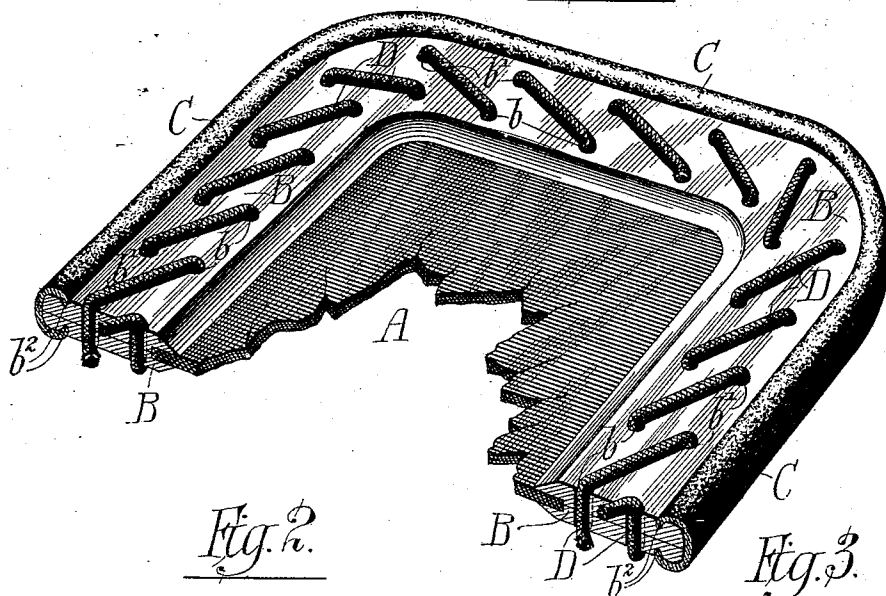


Fig. 2.

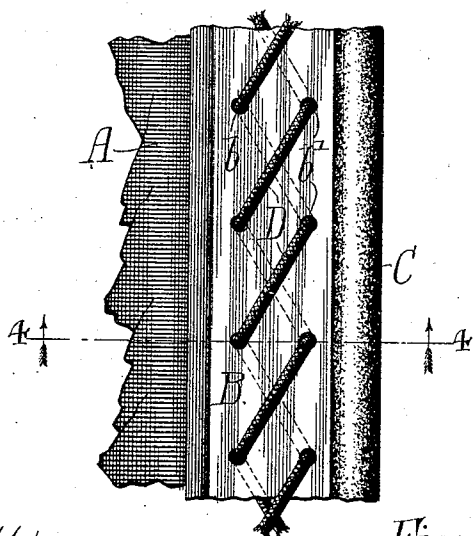


Fig. 3.

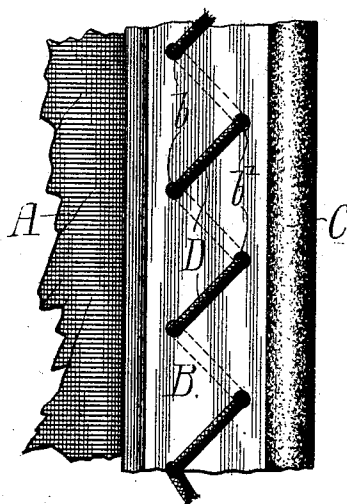
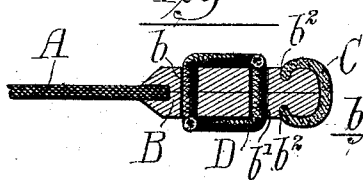


Fig. 4.



Witnesses:

Louis W. Whitehead.

John W. Adams

Inventor:

George H. Bartlett.

by: Mayhew, Poole & Brown

His Attorneys.

UNITED STATES PATENT OFFICE.

GEORGE H. BARTLETT, OF BETHLEHEM, PENNSYLVANIA, ASSIGNOR OF ONE-HALF TO JACOB S. MOYER, OF SAME PLACE.

NOISELESS ATTACHMENT FOR SCHOOL-SLATES.

SPECIFICATION forming part of Letters Patent No. 498,456, dated May 30, 1893.

Application filed November 8, 1892. Serial No. 451,291. (No model.)

To all whom it may concern:

Be it known that I, GEORGE H. BARTLETT, of Bethlehem, in the county of Northampton and State of Pennsylvania, have invented certain new and useful Improvements in Noiseless Attachments for School-Slates, &c.; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to cushioning devices for the frames of children's or school slates such as are used for preventing noise and injury to desks or other articles when the slates come in contact therewith.

The invention consists in the matters hereinafter described and pointed out in the appended claims.

A cushioning device constructed in accordance with my invention consists of a marginal covering strip of cloth or felt, placed over the outer margins of the slate frame, and a strip or strand of cloth or other cushioning material inserted or woven through holes or perforations located in the frame inside of the covering strip, so as to rest against the side faces of the frame at both sides of the same, thus constituting additional cushioned wearing surfaces for the flat sides of the frame adapted to come in contact with the desk or other flat surface on which the slate rests when it is laid flat.

In order that my invention may be fully understood I will proceed to describe it with reference to the accompanying drawings, in which—

Figure 1 is a perspective view of a portion of a school slate and its frame, with my invention applied thereto. Fig. 2 is a plan view of a portion of the same. Fig. 3 is a view similar to that of Fig. 2 but showing a modified form of lacing. Fig. 4 is a transverse section, taken on the line 4—4 of Fig. 2.

In the said drawings A designates the body portion or writing surface of a school slate and B the frame thereof, it being understood that these parts may be of the usual or any preferred material and structural character.

In carrying out my invention I bore, or otherwise form through the frame, two sets or

rows of holes $b\ b$, $b' b'$, of which one row $b\ b$ is adjacent to the inner, and the other row $b' b'$ is adjacent to the outer margin of the frame, these holes being either disposed in pairs opposite each other and transversely of the frame, as shown in Figs. 1 and 2, or arranged alternately in staggered fashion, as shown in Fig. 3. Through these holes b is laced a strand D or any number of strands, of braid, cloth, felt, leather, rubber, or any other material which will act as a cushion or buffer to prevent noise and breaking shocks to the frame or body portion A. The difference between the paired and staggered arrangement of the holes $b\ b'$ is simply that the exposed parts of the strand in the paired arrangement lie closer together than they do in the staggered arrangement; the principle being the same in both arrangements. In either case the strand is passed successively through the holes b so as to be exposed at both sides of the frame B. In addition to the strands thus arranged the frame is provided with a covering strip C of cloth or other suitable material which is adapted to deaden sound; the edges or margins of such strip being cemented into longitudinal grooves $b^2\ b^2$ formed in each side of the frame near its outer margin.

It is obvious that the strips or strands D arranged as described take much of the wear which would otherwise come on the strip C between the grooves and the margins of the frame, this result arising from the fact that the strands serve to sustain the frame so as to lessen the pressure against the covering strip when the slate rests or is pressed and rubbed against the desk or other supporting surface. Said strips or strands also form in effect a protection or cushion for the entire surface of the flat sides of the frame, by which the same are prevented from striking and marring the covers of desks or other objects in the handling of the slate.

I claim as my invention—

1. A slate frame provided with an adherent protecting covering extending over the margins of the frame and having its edges inserted in grooves in the frame, and provided with holes or perforations located inside of and separate from said protecting covering, and a strip or strand laced through the said

holes or perforations and exposed at the sides of the frame for the purpose of taking part of the wear which would otherwise come upon said covering, substantially as described.

- 5 2. A slate frame provided with a protecting covering applied to the margins of the frame, and having two rows of holes or perforations, one located adjacent to the inner, and the other adjacent to the outer edge of the frame,
10 and a strip or strand laced through said per-

forations and extending across the flat side faces of the frame inside of the said protecting covering, substantially as described.

In testimony that I claim the foregoing as my invention I hereunto affix my signature in 15 presence of two witnesses.

GEORGE H. BARTLETT.

Witnesses:

C. CLARENCE POOLE,

GEO. W. HIGGINS, Jr.