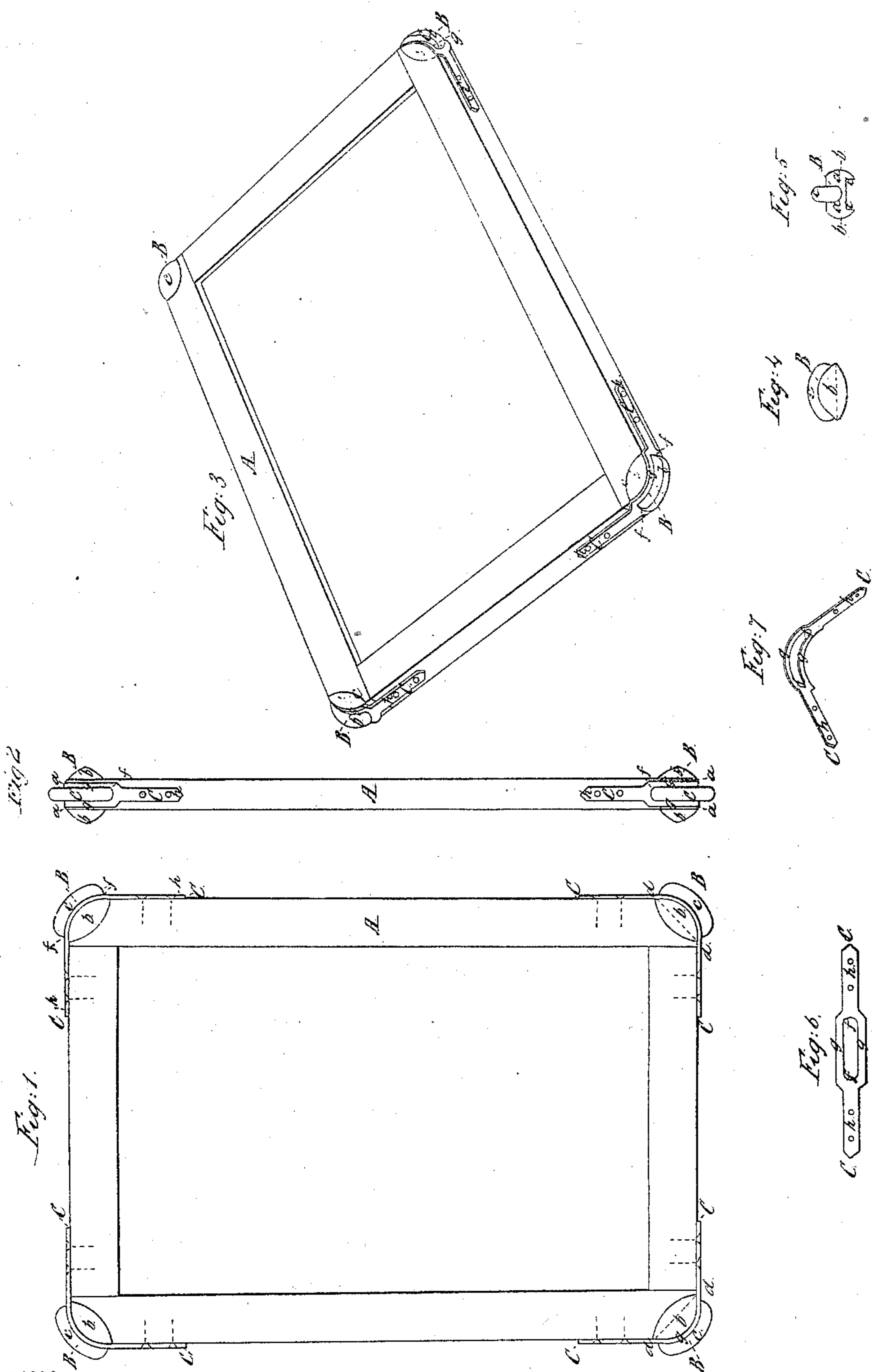


J. H. French.

Slate Frame.

N^o 88,467.

Patented Mar. 30, 1869.



Witnesses
Lucius H. Cheney
Samuel C. Barr-

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JOHN H. FRENCH, OF ALBANY, NEW YORK.

Letters Patent No. 88,467, dated March 30, 1869.

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 I, JOHN H. FRENCH, of the city and county of Albany, and State of New York, have invented a new and improved Corner for School-Slate Frames; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a face view of a school-slate with this corner attached.

Figure 2 is a transverse vertical section of the same.

Figure 3 is a perspective view of the same.

Figures 4 and 5 are views of the elastic-cap, or cushion, fig. 4 being a face view, and fig. 5, a transverse view.

Figures 6 and 7 are views of the metallic band for holding the elastic cap, or cushion securely in its place, and for bracing or strengthening the frame, fig. 6 being a face view of the band before it is bent, and fig. 7, a perspective view of the same after it is bent.

Similar letters of reference indicate like parts.

This invention relates to a corner for school-slate frames, which corner is so constructed as to admit of its being readily and securely attached to the frame of any school-slate.

The elastic portion of the corner being of such form as to entirely prevent the frame from coming in contact with any plane surface, under any circumstances, thereby renders the frame noiseless, and at the same time serves as a protection from the jar, and the consequent breakage, when a slate falls from the desk, or from any ordinary height to the floor, while the metallic band, which holds the elastic portion of the corner securely in its place, is fastened to the two adjacent pieces of the frame, adding very materially to the strength of the frame, and making it in fact a frame with metallic-bound corners.

A represents a frame, made of wood, or any other suitable material, of any convenient width and thickness, and joined, or fastened at the corners in the usual manner.

B represents an elastic cap, or cushion, made of India rubber, or other suitable material, its shape being such as to present three pads, upon one or more of

which the frame must always strike or rest, when in contact with a plane surface.

This cap consists of a body, or central part, *a a*, of the same thickness as the slate-frame, two side pads, *b b*, which support the frame when it rests upon its side, and a centre pad, *c*, upon which the frame rests, when it is made to stand upon its corner, or edge.

In order to apply this cap to a common square-cornered frame, I cut off a portion of the corner of the frame, as shown by the dotted lines *d d*, leaving a face, or edge that exactly fits the inner face *e e* of the cap, whether this inner face be straight, curved, or angular, so that when the inner face of the cap and the corner of the frame, thus prepared, are brought together, they exactly fit each other.

C represents a metallic band, made of brass, zinc, or other suitable metal, its size and shape being such as to hold the elastic cap B securely in its place upon the corner of the frame, and to fasten the two adjacent pieces of the frame firmly together.

In this metallic band is a slot, or opening, *f f*, of such shape as to permit the centre pad *c* of the elastic cap to project through it.

The middle portion, *g g*, of the band is curved, or bent to fit the outer edge of the side pads *b b*, and the end portions, *h h*, are thus brought at right angles to each other, to fit the edges of two adjacent pieces of the frame, to which the band is fastened.

This band may be of any form that will hold the elastic cap in its place, and bind the two pieces of frame together.

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

1. A metallic band, of such form as to fit the elastic cap and the two adjacent pieces of the frame, for the purposes of holding the elastic cap securely in its place, leaving the pads projecting beyond it, and of making a strong brace for the frame.

2. The combination of the elastic cap, or cushion B, and a metallic band, C, forming a noiseless corner for school-slate frames, as herein described.

JOHN H. FRENCH.

Witnesses:

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