J. La Bar,

School Slate.

No. 51,114. Patented Nov. 21, 1865.

Fig: 1

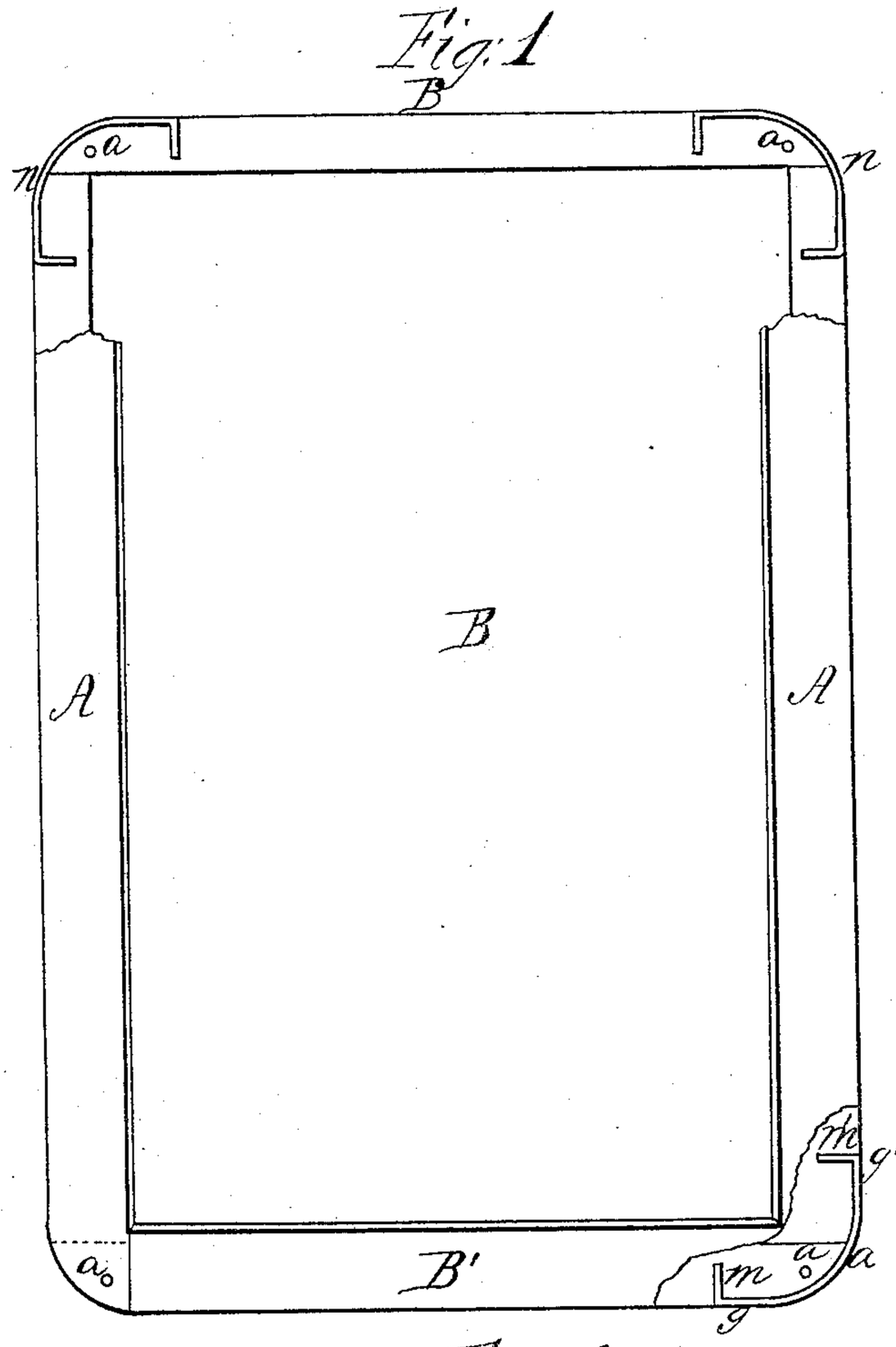
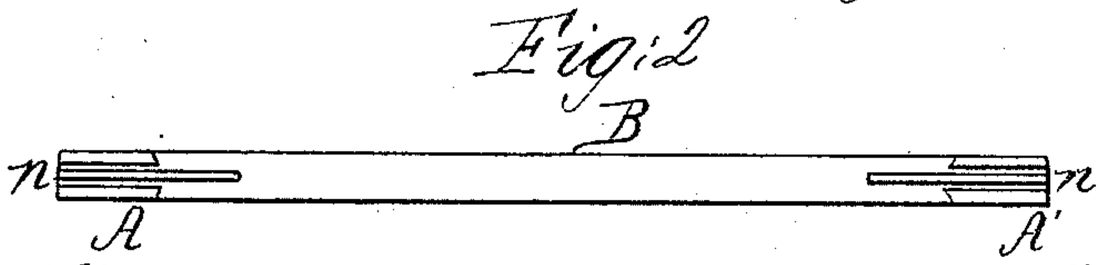



Fig: 2




Witnesses:
Wm. Albert Steel
W. R. Delany.

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By his Atty
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# UNITED STATES PATENT OFFICE.

JESSE LABAR, OF SLATINGTON, PENNSYLVANIA, ASSIGNOR TO HIMSELF AND ROBERT McDOWELL, OF SAME PLACE.

## IMPROVEMENT IN SCHOOL-SLATES.

Specification forming part of Letters Patent No. **51,114**, dated November 21, 1865.

*To all whom it may concern:*

Be it known that I, JESSE LABAR, of Slatington, Lehigh county, Pennsylvania, have invented an Improvement in School-Slates; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

My invention consists of certain grooves and holes made in the corners of a slate-frame, in the manner described hereinafter, for the reception of wire fastenings, by which the corners of the frame are effectually secured without presenting any unsightly or inconvenient projection.

On reference to the accompanying drawings, which form a part of this specification, Figure 1 is a front view, partly in section, of my improved school-slate; and Fig. 2, an edge view of the same.

The frame is made, as usual, of two side strips, A and A′, and two end strips, B and B′, of wood, the whole of the strips being grooved on the inside, as usual, for the reception of the edges of the slate D. The frame is secured at each corner by mortise and tenon and a peg, *a*, as usual. After the frame has been thus secured the corners are neatly rounded off, and then, by the aid of suitable mechanism, a groove, *b*, is cut in the edge at each corner of the frame, the groove terminating abruptly at the points *y*, where it communicates with a hole, *m*, bored into one of the end strips of the frame, and at the point *y′*, where it communicates with a hole, *m′*, bored into one of the side strips of the frame.

The metal fastening is composed of a piece of wire, *n*, bent to conform to and fit in the groove cut in the corner of the slate-frame, the ends of the wire being bent abruptly, so as to fit into the holes *m* and *m′*. When driven tightly into its place the wire forms a most secure fastening at the same time it is embedded in the frame, and therefore presents no inconvenient or unsightly projection.

I claim as my invention and desire to secure by Letters Patent—

The groove *x* and holes *m* and *m′*, communicating with the said groove, the whole being made in the corner of a slate-frame for the reception of the wire fastening *n*, as and for the purpose herein set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JESSE LABAR.

Witnesses:

DAVID PETER,

ALEXANDER PETER.