

(No Model.)

I. LANCASTER.
SCHOOL SLATE.

No. 290,691.

Fig. 1

Patented Dec. 25, 1883.

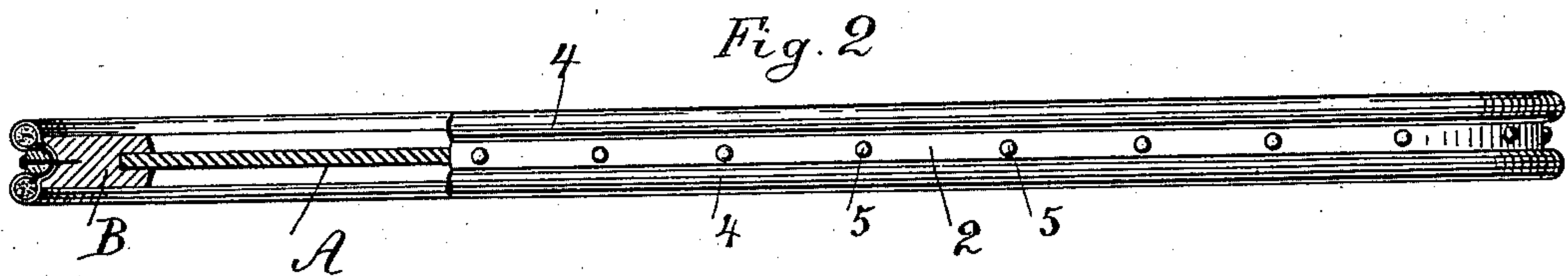
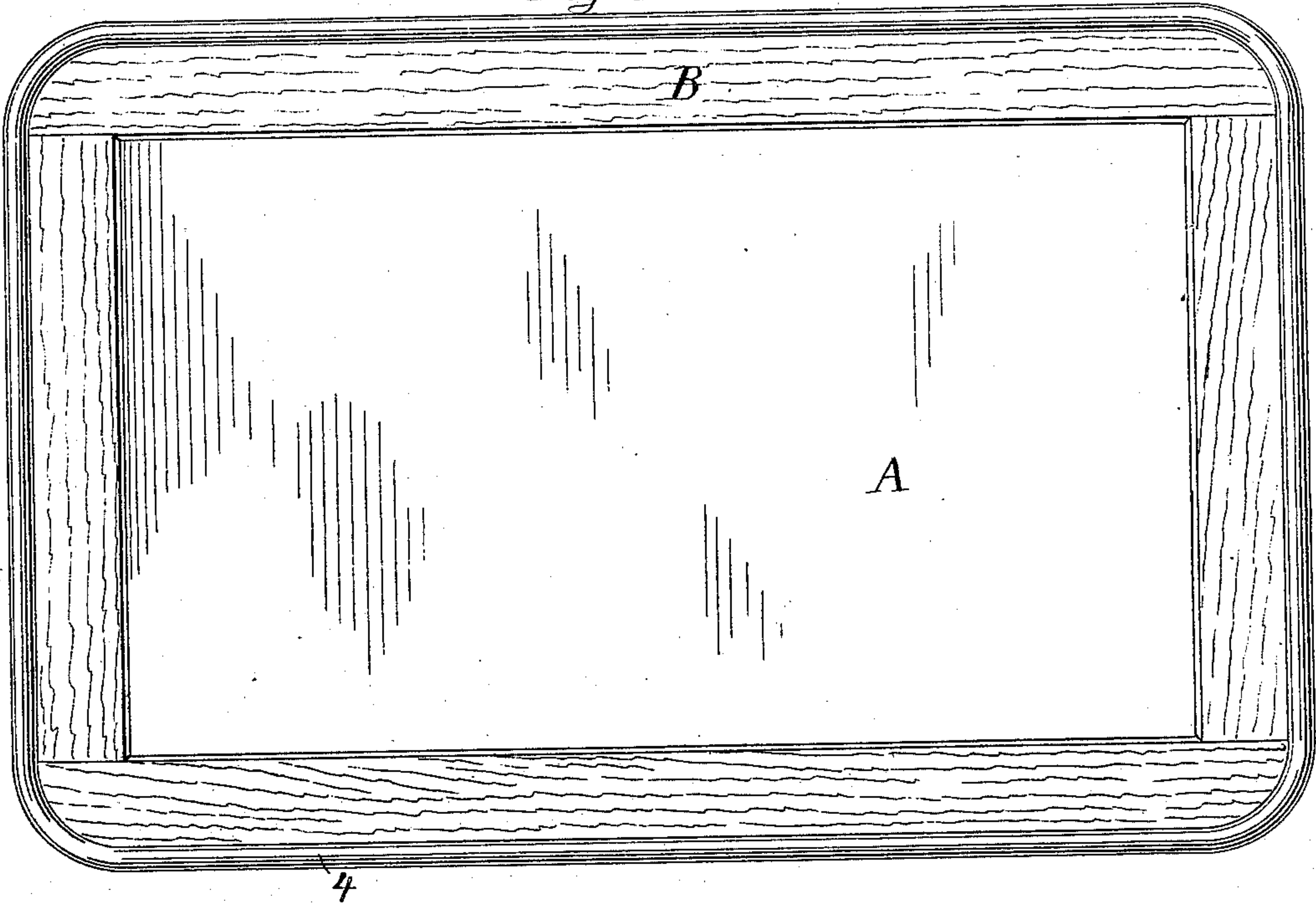


Fig. 3



Fig. 4

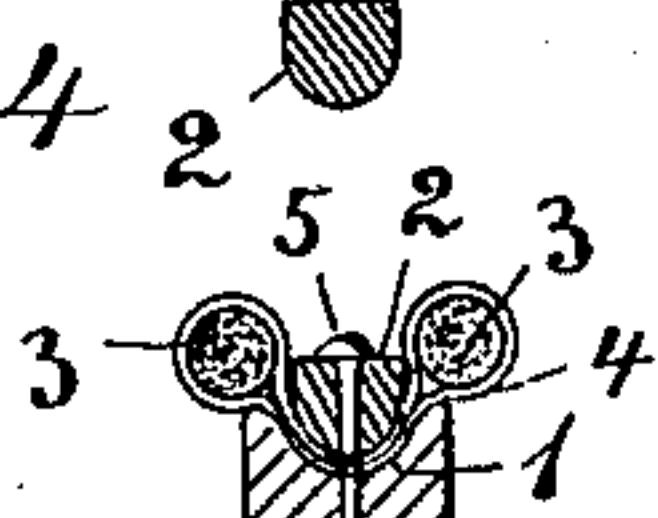


Fig. 5



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UNITED STATES PATENT OFFICE.

ISRAEL LANCASTER, OF CHICAGO, ILLINOIS.

SCHOOL-SLATE.

SPECIFICATION forming part of Letters Patent No. 290,691, dated December 25, 1883.

Application filed May 15, 1883. (No model.)

To all whom it may concern:

Be it known that I, ISRAEL LANCASTER, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in School-Slates, of which the following is hereby declared to be a full, clear, and exact description.

My invention relates to school-slates; and it consists in providing the rim of the slate-frame with an elastic binding constructed substantially as hereinafter described, so as to project slightly above the face of the frame on either side, which binding serves to deaden the noise when the frame comes in contact with other hard bodies.

In the accompanying drawings, Figure 1 is a plan view, and Fig. 2 a side elevation, partly in section, of a school-slate embodying my invention. Fig. 3 is a cross-sectional view of the binding; Fig. 4, a like view of the retaining strip or reed; and Fig. 5, a detail view in cross-section, showing the binding held in position on the rim of the frame by the strip and brad.

The slate A has the usual wooden frame, B, upon the edge of which, around its entire rim, is cut the groove or channel 1. A wooden strip or reed, 2, is then formed to snugly fit said groove, and by steaming may be easily bent entirely around the frame, so as to fill the channel.

The binding or buffer consists of two parallel elastic cords, 3, of any suitable material, inclosed, either in weaving or afterward, within a textile fabric, 4, that extends also between the cords as a flat web. By applying the fab-

ric 4 and its cords 3 to the edge of the frame B, so that the web or middle portion of the fabric shall be above the channel 1, and then forcing the reed 2 against the web and down into the channel, where it may be secured to the frame by tacks 5, the elastic cords are made to project above the face of the slate-frame on both sides, and thus act to deaden the noise.

The binding may consist of a single piece of sheet-rubber, having its edges thickened, so as to project on either side of the central connecting-web, as in the manner shown by Fig. 3.

In lieu of tacks, the channel 1, the reed 2, and the web 4 may be held together by a coating of glue.

I am well aware that it is old to provide slate-frames with a textile or elastic binding; but,

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The combination, with the slate-frame, of the elastic binding and the reed or strip to retain the same, said binding being arranged to protect the reed and the frame of the slate, substantially as described.

2. The combination, with the slate-frame B, having groove 1 in the edge thereof, of the reed 2, adapted to fit therein, and the projecting binding, substantially as described.

In testimony whereof I have hereunto set my hand this 5th day of May, 1883.

ISRAEL LANCASTER.

In presence of—

JAMES H. PEIRCE,
JOSEPH O. MORRIS.