

A. H. JOCELYN.
Slate-Frames.

No. 144,104.

Patented Oct. 28, 1873.

Fig. 1.

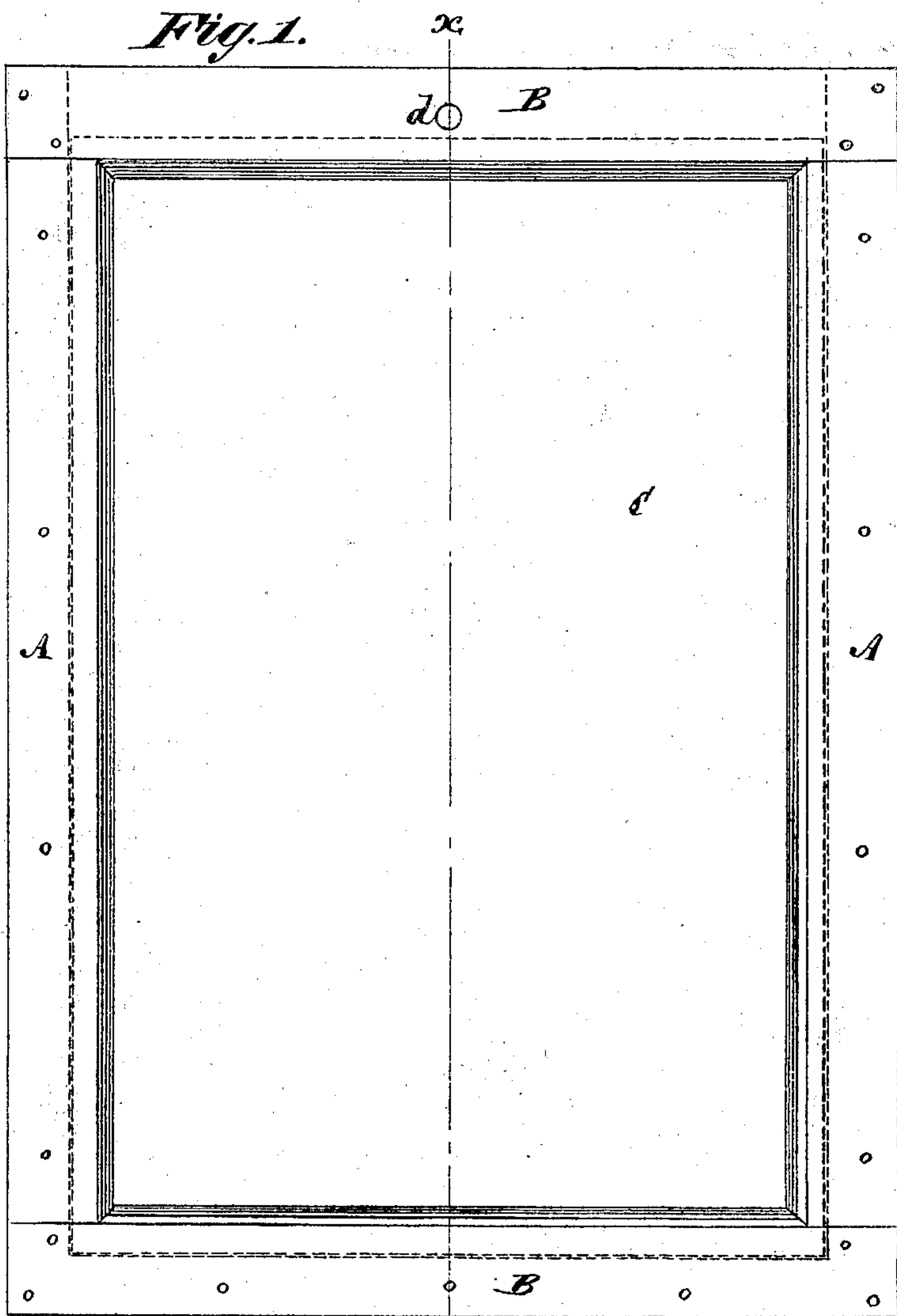


Fig. 2.

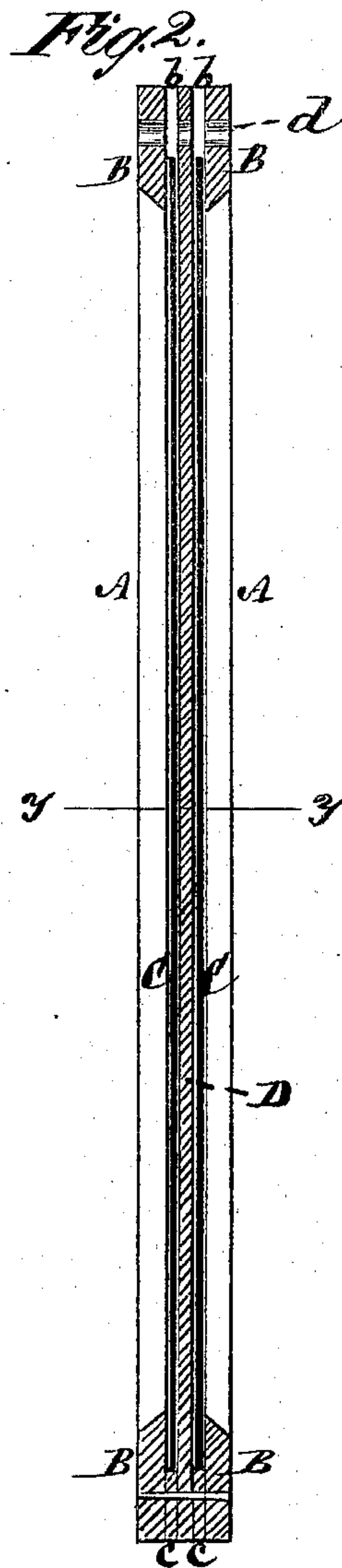


Fig. 3.

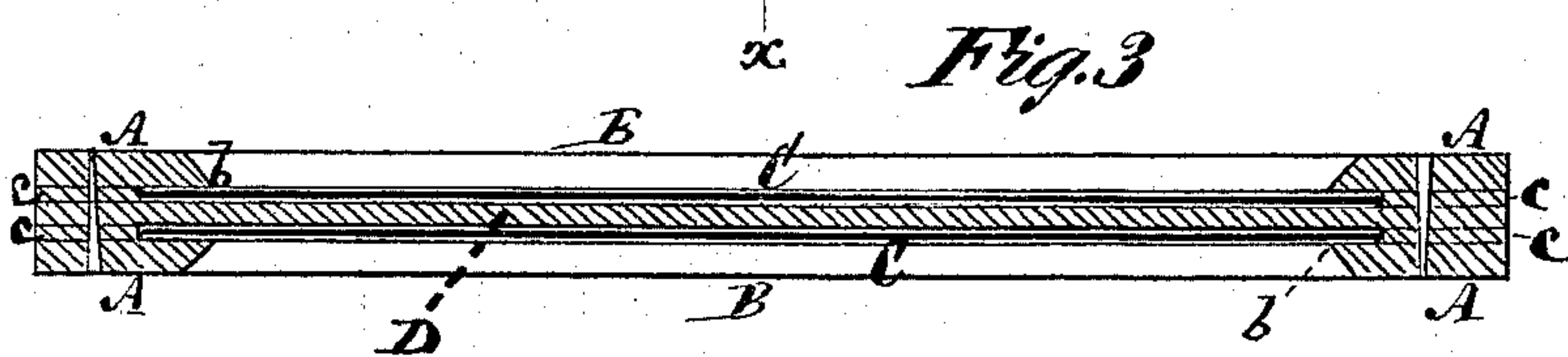
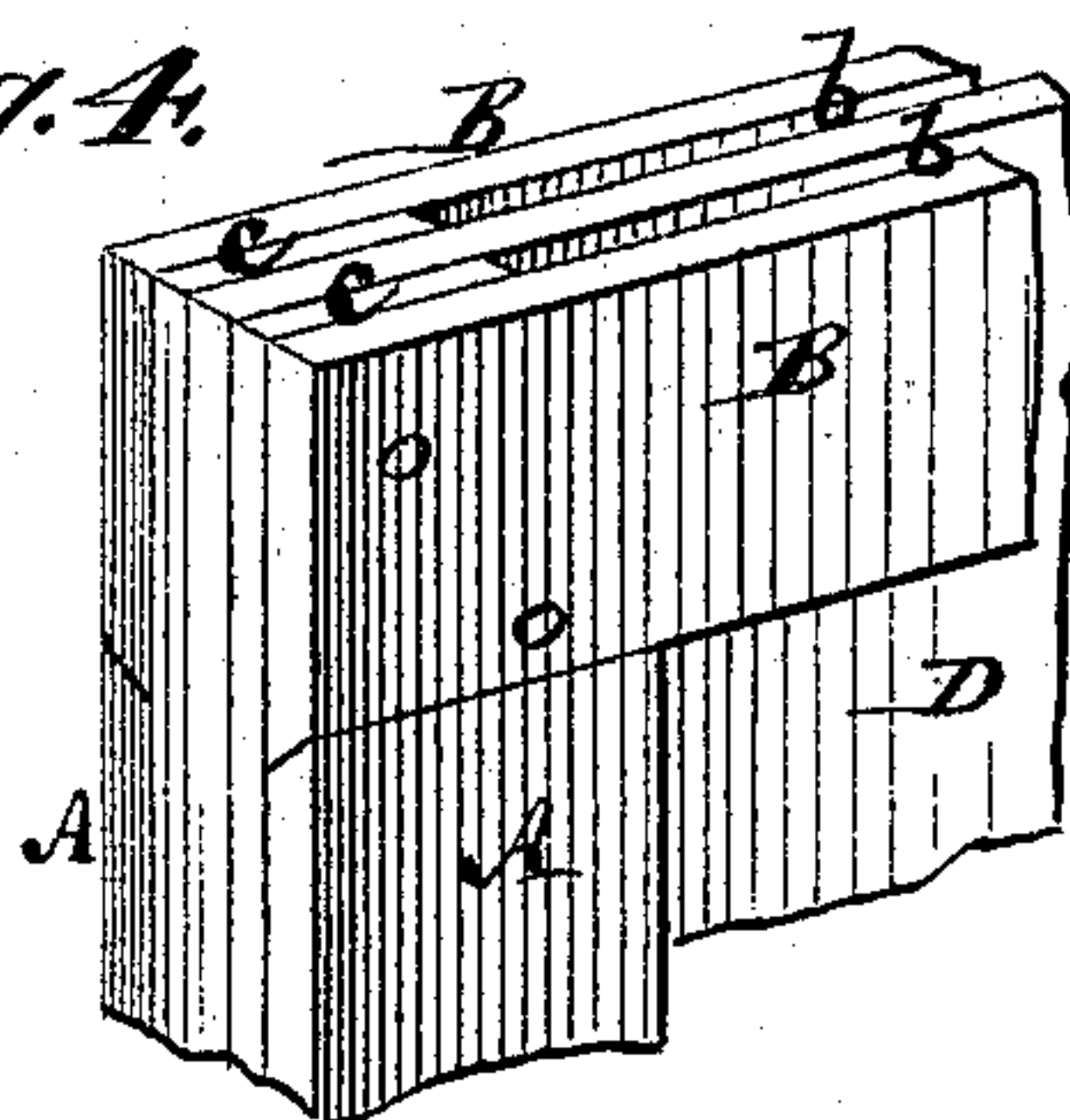


Fig. 4.



Witnesses
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UNITED STATES PATENT OFFICE.

ALBERT H. JOCELYN, OF NEW YORK, N. Y.

IMPROVEMENT IN SLATE-FRAMES.

Specification forming part of Letters Patent No. **144,104**, dated October 28, 1873; application filed June 25, 1873.

To all whom it may concern:

Be it known that I, ALBERT H. JOCELYN, of the city, county, and State of New York, have invented an Improvement in Slate-Frames, of which the following is a specification:

This invention relates to slates for marking or writing purposes, in which frames are used to bind and hold the slates proper within them; and consists generally in a novel construction of the frame, whereby the slates may be slipped to their places, and removed when necessary to renew them, by sliding them in or out of slots in the end or side of the frame, subject to support at their backs when inserted by a diaphragm connected with the frame, and of retention within the latter. The same construction applies to a single slate.

In the accompanying drawing, which forms part of this specification, Figure 1 represents a face view of a framed slate constructed in accordance with my invention; Fig. 2, a section of the same on the line *xx*; Fig. 3, a section thereof on the line *yy*; and Fig. 4, a view in perspective of one of the angles or corners of the frame.

Similar letters of reference indicate corresponding parts.

A A and B B represent the side and end pieces of the frame, which are here shown as made double to receive two slates, C C, down within them through slots *b b* in the one end or side of the frame, which latter is suitably constructed for the purpose—that is, either by recessing the interior faces of the pieces composing the frame or by introducing extra pieces *c c* between said frame pieces—and a diaphragm, D, extending across the frame and forming a support or back to the slate or slates C C, said diaphragm extending either wholly or partially into the edges of the frame, and being secured by the same means, whether pegs, brads, or glue, which hold the side and end pieces of the frame together, and virtually forming a binder to hold the several pieces of the frame together, as well as to form a support to the back of the slate or slates. This diaphragm D may be of pasteboard, wood, or any

suitable material, and the slates C C may either be of natural stone or of any artificial composition. I prefer to use what is known as the silicate slate.

For school and other purposes a slate thus constructed will be found most useful and economical, inasmuch as the frame braced by the diaphragm D will answer for almost any number of slates proper, introduced, as wear requires, through the slots *b b*, or either of them, accordingly as the slate is a single or double one.

The slates C C, or either of them, when in their places, may be secured from slipping or sliding out through the slots *b b* by various means; but a simple and efficient device for the purpose consists in a cross, plain, or eye-letted hole, *d*, through the portion of the frame in which are the slots *b b*, outside of the edges of the slates when in their places, and so that a string passed through said hole *d* will serve as a stop to the slates proper as well as, if desired, a means of suspending the slate or of attaching the pencil.

If desired, instead of making the frame of the slate as described, the same may be struck up, or molded in halves or sections out of *papier-maché* or other material, with provision for the slot or slots *b* to receive the slate or slates, such halves or sections being secured together by any suitable means.

What is here claimed, and desired to be secured by Letters Patent, is—

1. The combination of the diaphragm D with the side and end pieces A A and B B of the frame, and the slot or slots *b* for the removable slate or slates, said diaphragm serving to brace the frame pieces together, and to form a back or support to the slate or slates, essentially as herein described.

2. The combination, with the slot or slots *b* in the frame, of the cross-hole *d* and the slate or slates C, substantially as and for the purpose herein set forth.

ALBERT H. JOCELYN.

Witnesses:

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