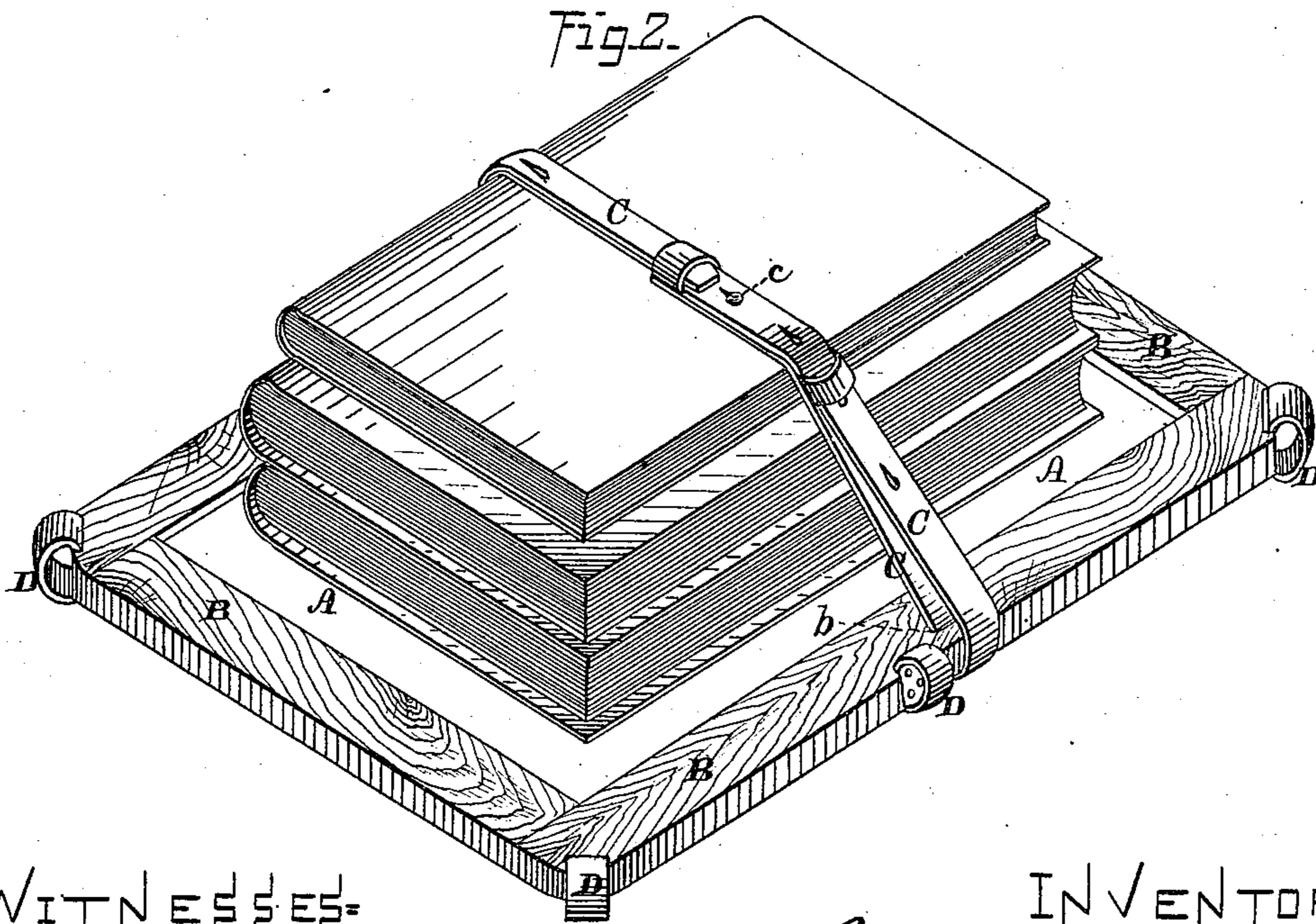
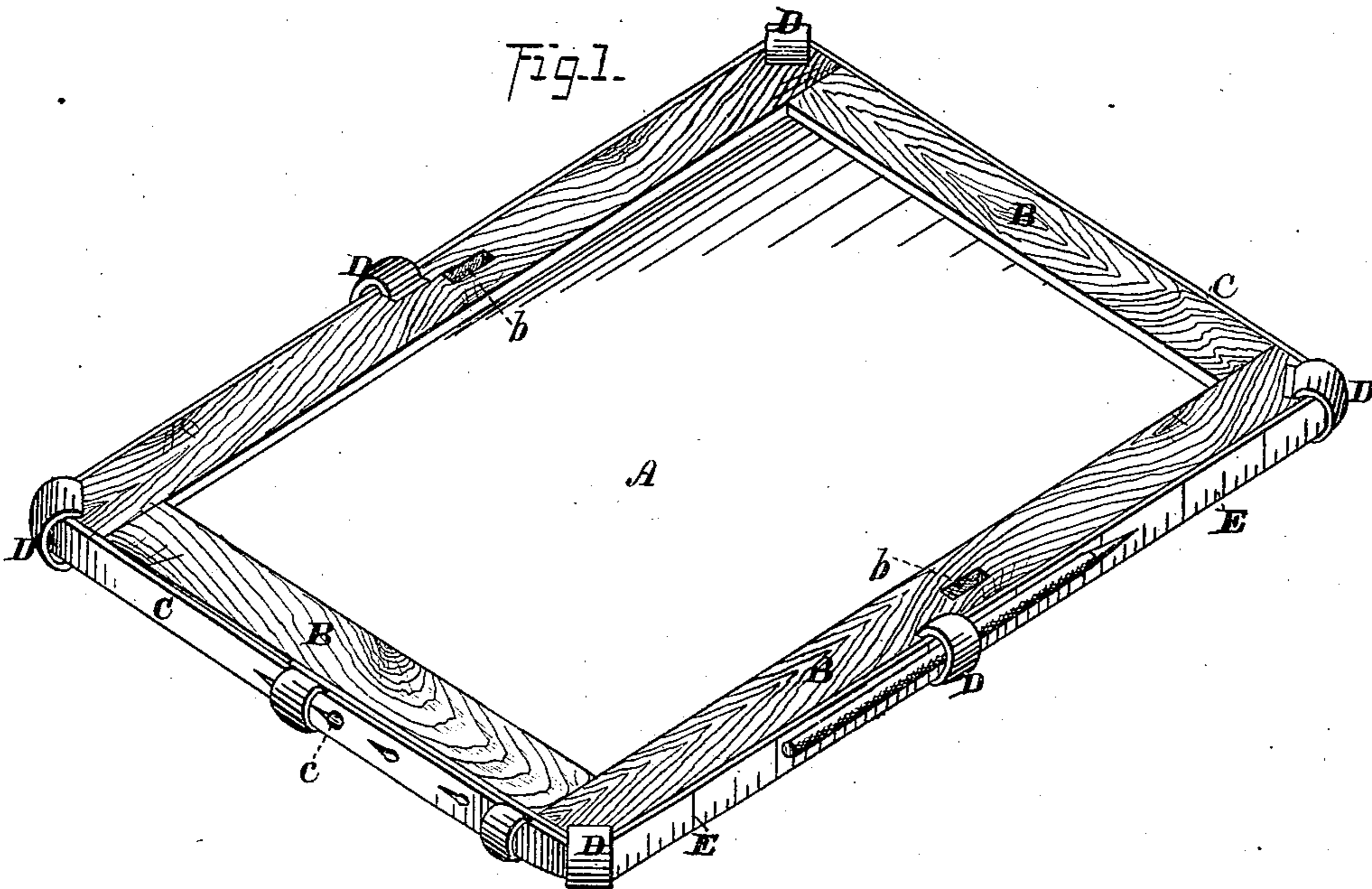


J. HAGGERTY.

COMBINED SLATE AND BOOK-CARRIERS.

No. 190,318.

Patented May 1, 1877.



WITNESSES-

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UNITED STATES PATENT OFFICE

JOHN HAGGERTY, OF CORRY, PENNSYLVANIA.

IMPROVEMENT IN COMBINED SLATE AND BOOK-CARRIER.

Specification forming part of Letters Patent No. **190,318**, dated May 1, 1877; application filed March 19, 1877.

To all whom it may concern:

Be it known that I, JOHN HAGGERTY, of Corry, in the county of Erie and State of Pennsylvania, have invented a new and Improved Noiseless Slate and Book Clamp or Carrier Combined, of which the following is a full, clear, and exact description, reference being had to the accompanying drawing, and the letters of reference marked thereon, which drawing forms a part of this specification.

My invention relates to the construction of slate-frames, and consists in providing the same with a strap, which is so attached to the slate-frame as to render the same noiseless, and which also serves for clamping books to the slate, for carrying the same; hence the object of my invention is to provide a combined noiseless slate and book-carrier.

My device is shown in the accompanying drawing, as follows: Figure 1 shows the slate with the strap in place around the outer edge of the frame. The slate, as shown in this figure, is ready for use as a slate. Fig. 2 shows the slate and strap when serving as a book clamp or carrier.

The construction and operation of my device is as follows: A is the slate; B, the frame; C, the strap. D D D D D are loops, made of leather or other suitable substance, and are placed, as shown, upon the frame. Hooks or studs may be used instead, if preferred, as an equivalent. The mode of attaching these loops, hooks, or studs is immaterial. I regard the loops as the better arrangement. They should be of some soft substance, like leather or rubber, as they serve the purpose of preventing the slate making a noise when in contact with the desk. The strap C passes around the edge of the slate and through the loops D, and fastens by a

button, *c*. The loops may also serve as pencil-carriers, as seen in Fig. 1. The strap C may be provided with a scale, E, showing feet, inches, and parts of inches, thus rendering it useful as a rule or tape-measure. The frame B is provided on its sides with mortises *b*, through which the strap C passes when used as a clamp, as fully seen in Fig. 2.

The strap, when in the position shown in Fig. 1, assists in preventing the frame from making a noise when hit upon the desk; but the manner in which it is attached (or attachable) to the frame (that is, the loops D) is the chief agent in rendering the slate noiseless.

I am aware that slate-frames have been provided at the corners and on the sides with substances for preventing noise, and I, therefore, do not claim that as new in my slate; but I believe any substance so used has never been in the form of a loop, for the purpose of retaining a strap, as above set forth.

What I claim as new is—

1. A slate-frame provided upon its outer edge with the loops D, or their equivalents, arranged to receive and retain the removable strap C, substantially as and for the purposes described.

2. A slate-frame having the loops D, or their equivalents, arranged as described, the mortises *b*, and the strap C, substantially as and for the purposes mentioned.

3. A slate-frame having the loops D, or their equivalents, arranged as described, the mortises *b*, and the strap C, having measures of length thereon, substantially as and for the purposes mentioned.

JOHN HAGGERTY.

Witnesses:

JNO. K. HALLOCK,
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