

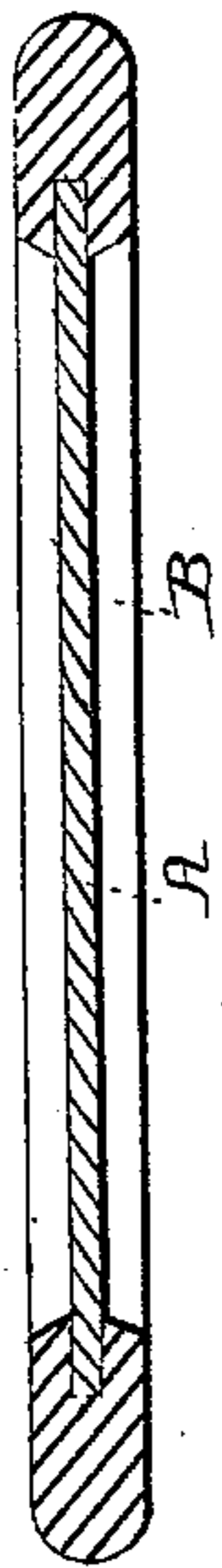
D. Cumming, Jr.,

Slate Frame,

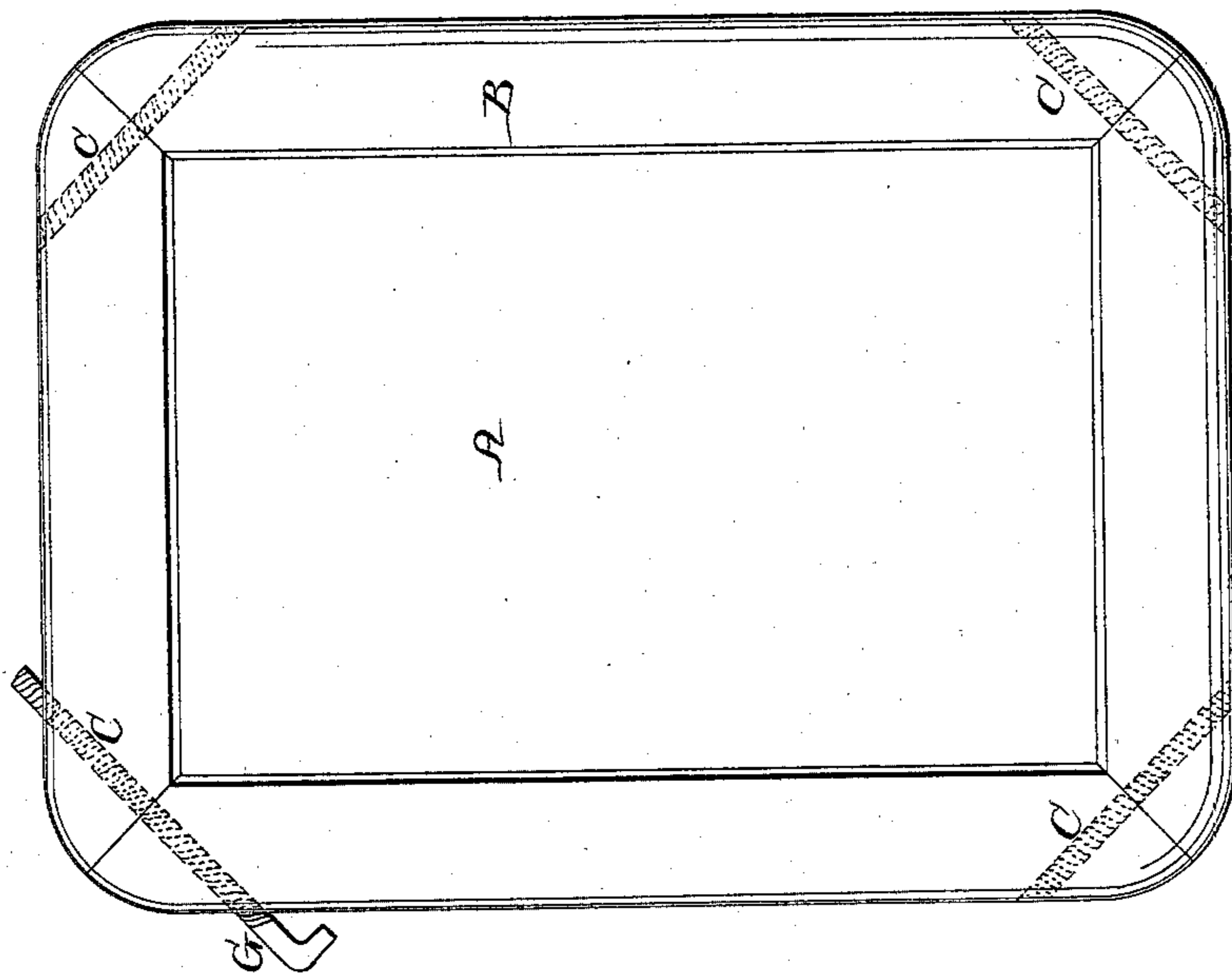
Nº 58,225,

Patented Sept. 25, 1866.

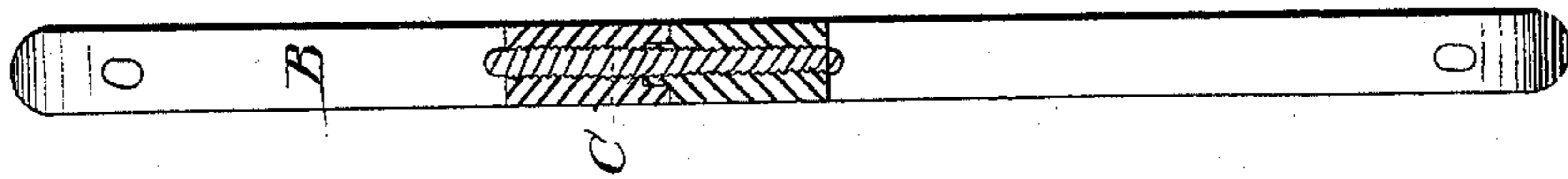
Fig; 2.



Fig; 1.



Fig; 3.



Fig; 4.



UNITED STATES PATENT OFFICE.

DAVID CUMMING, JR., OF NEW YORK, N. Y.

IMPROVEMENT IN SLATE-FRAMES.

Specification forming part of Letters Patent No. **58,225**, dated September 25, 1866; antedated September 17, 1866.

To all whom it may concern:

Be it known that I, DAVID CUMMING, Jr., of the city, county, and State of New York, have invented a new and useful Improvement in Slate-Frames and in frames for other purposes; and I do hereby declare that the following is a full, clear, and exact description of the invention and the mode of constructing said improved frames, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1 is a front view; Fig. 2, a transverse section; Fig. 3, a section of one of the corners; and Fig. 4 shows one of the corners taken apart.

The same letters refer to corresponding parts in the different figures, in which A is the slate; B, the frame. C C C C are continual screws, passing diagonally through the corners of the frame, for the purpose of holding the joints of the frame together.

The frame is put together by being placed around the slate in the usual manner, and fitted at the corners with a tongue and groove or other device, and held together by glue or other means. Holes are then bored diago-

nally across the corners to receive the continuous screws, which are inserted, and the ends cut off smooth with the frame.

The ends of the screw at G are left on to show how the screws are put in. This makes the joint so strong that the edges of the frame can be rounded and better finished than the square edges.

The advantages of using the continuous screw are that the thread has a hold upon the wood its whole length, and it can be cut off smoothly with the frame, thereby admitting of a better finish. The ordinary wood-screw may be used; but I prefer the continuous screw for the above reasons.

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

A slate - frame when constructed with a miter-joint having a tongue and groove, or similar device, and held together by means of a continuous screw, substantially as set forth.

DAVID CUMMING, JR.

Witnesses:

CHARLES I. SMITH,
J. HENRY WILKINS.