

L. N. B. GRAY.

Improvement in Picture-Frames.

No. 126,633.

Patented May 14, 1872.

Fig: 1.

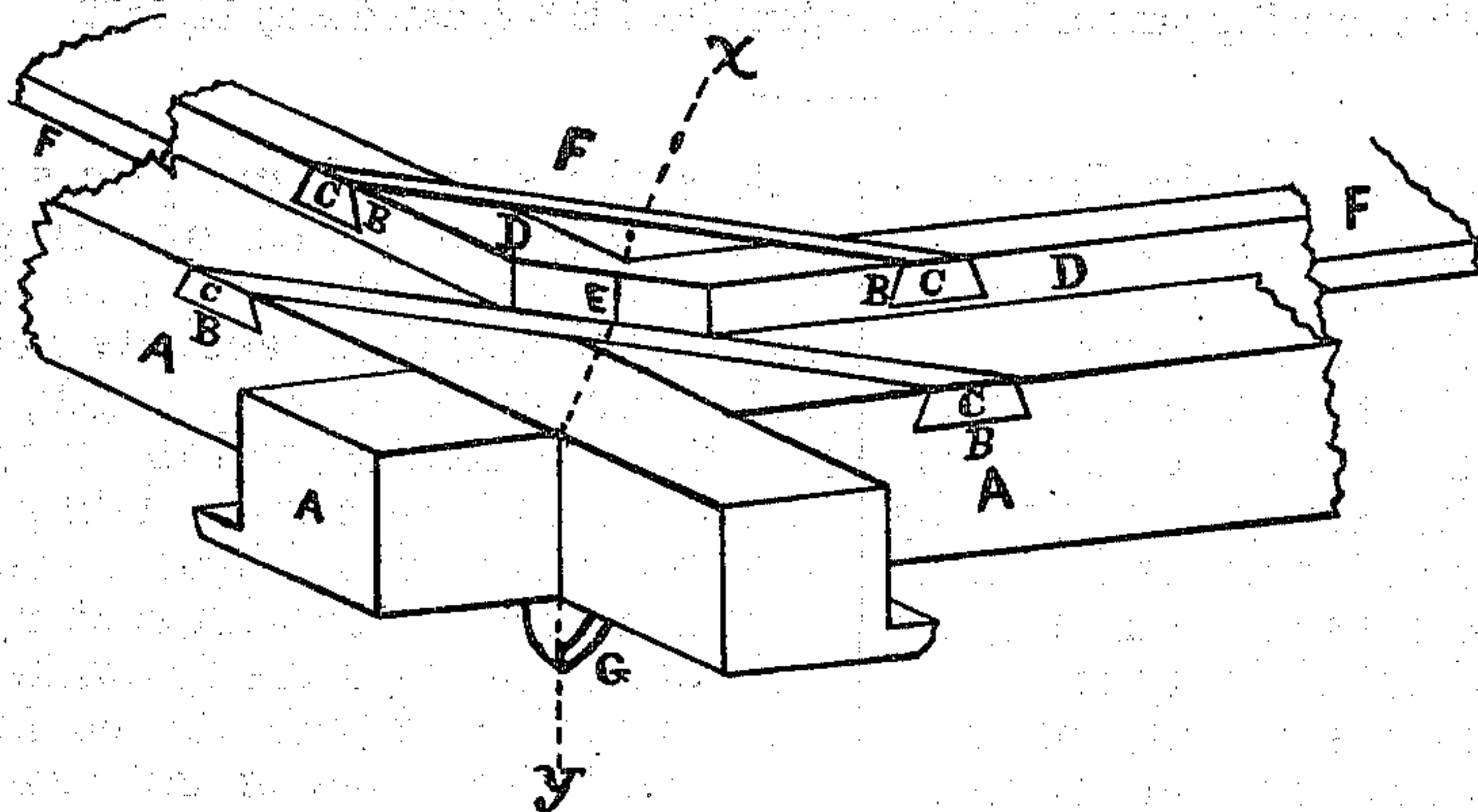


Fig: 3.

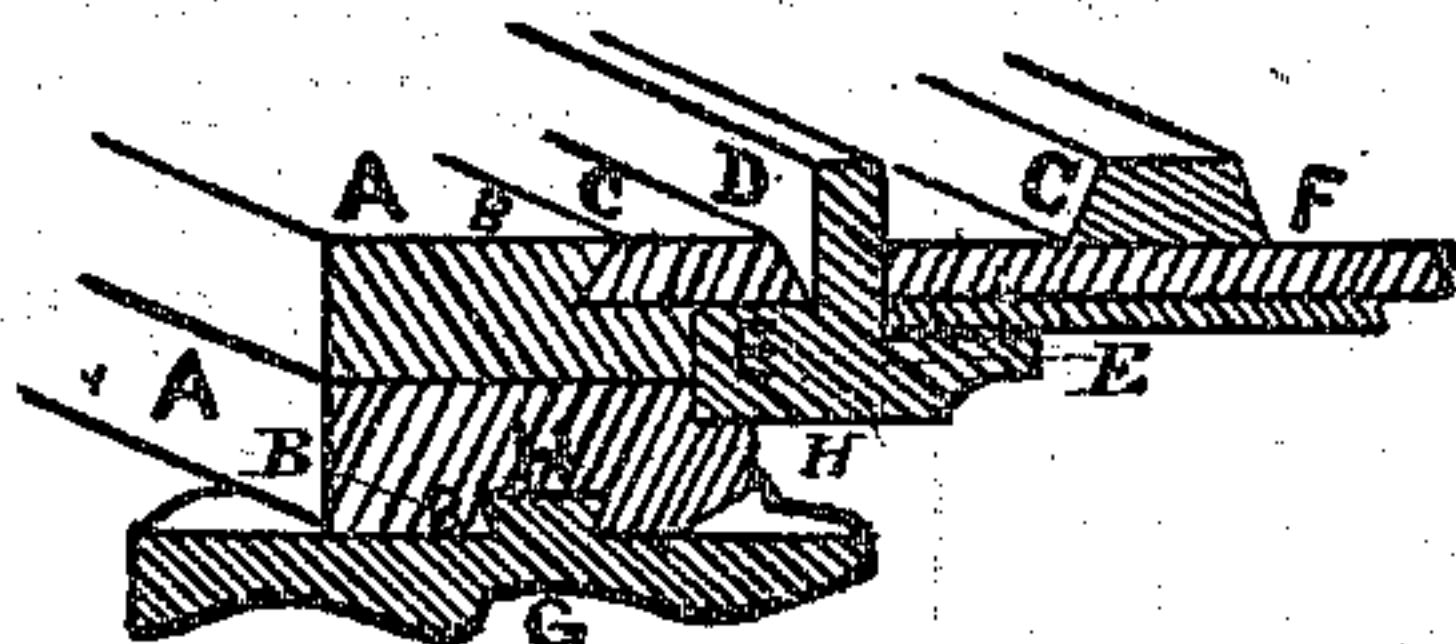
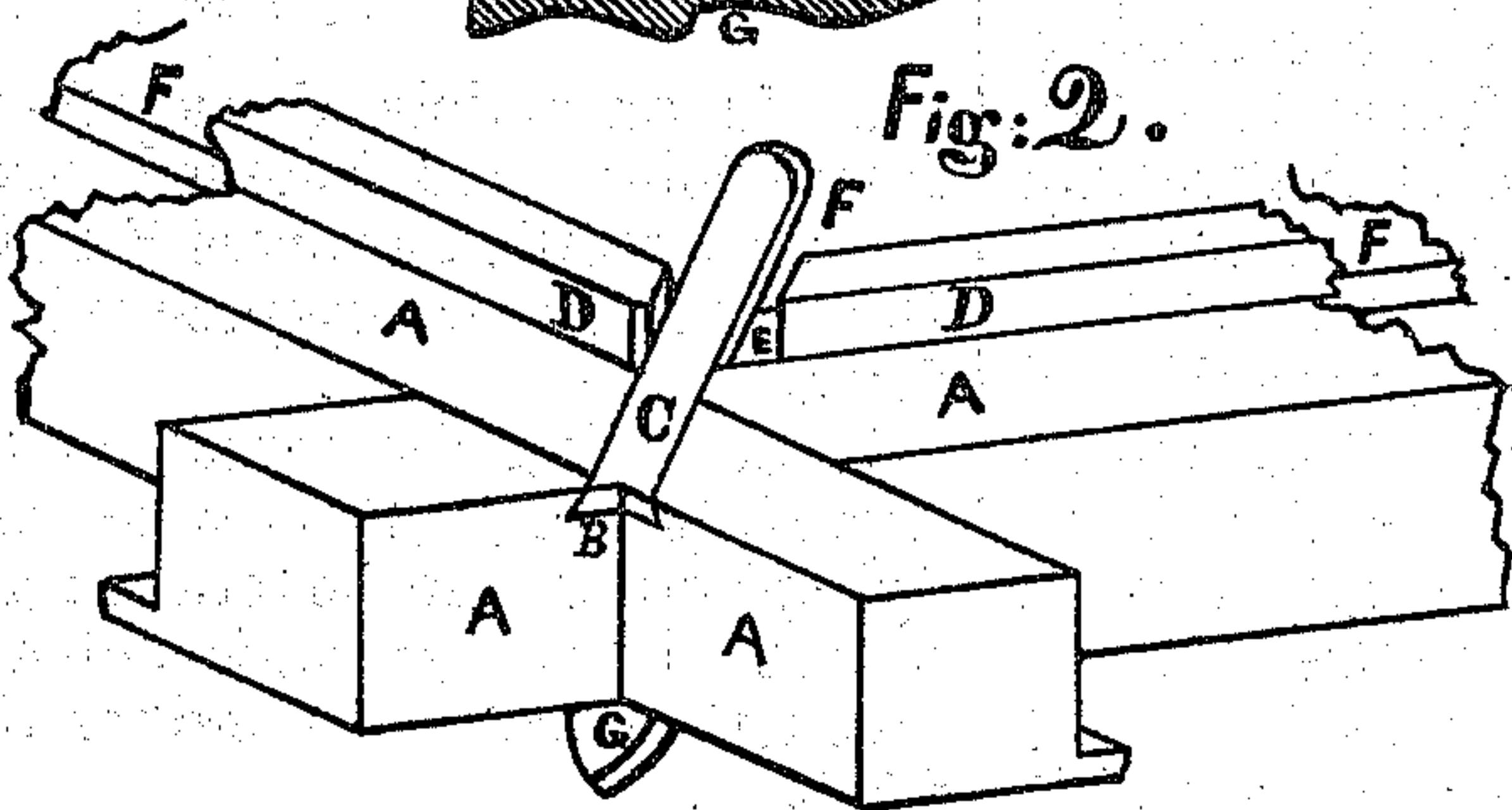


Fig: 2.



Witnesses:

Sylvanus Walker

George E. Carter

INVENTOR:

Lawrence N. B. Gray

UNITED STATES PATENT OFFICE.

LAWRENCE N. B. GRAY, OF BOSTON, MASSACHUSETTS, ASSIGNOR OF ONE-HALF HIS RIGHT TO DEXTER A. REED, OF SAME PLACE.

IMPROVEMENT IN PICTURE-FRAMES.

Specification forming part of Letters Patent No. 126,633, dated May 14, 1872.

Specification describing certain Improvements in Picture-Frames, invented by LAWRENCE N. B. GRAY, of Boston, in the county of Suffolk and State of Massachusetts.

The first part of my invention relates to the method of joining the corners of the frame without the aid of nails, screws, or glue, by means of which the frame may be instantly taken apart and packed in a small compass, and easily transported without liability of breaking or injury, and when desired may be readily joined by any one without the aid of tools; and consists in forming a dovetailed groove across the corners on an angle, and fitting into the same a corresponding piece, which may be slid or drawn out when desired. The second part of my invention relates to the method of confining in the gilt bead or inner molding; and consists in cutting off a portion from the rear of each corner, and leaving a portion projecting, which fits underneath the confining-bar, which holds the front frame together. My invention further consists in the manner of securing in the glass and back board, also in attaching ornaments upon the corners of the frame; similar dovetailed grooves are formed across the corners, and corresponding confining-bars are slid above the corners of the back board, while a dovetail tenon is formed upon the back of the ornaments which are slid into the corresponding grooves across the front corners of the frame. If desirable a single confining-bar may be dovetailed in diagonal across the direction of the sides and ends of the frame, one end passing through the bead in a notch, and the end extending beyond the bead and resting upon the back board.

Figure 1 is a perspective view of one corner of a frame embodying my invention. Fig. 2 is a similar view of a modification of the same. Fig. 3 is a section view through Fig. 1, as indicated by the dotted lines *x y*.

A is the side and end pieces of the outer frame, which is joined by being halved or notched. Either the two side or end pieces have cut across their face side near each end, and about one-half their depth, a notch the width of the molding, and the other two pieces of the frame have corresponding notches cut upon their rear sides. These are placed together so as to come even with each upon the face and rear sides; then the dovetailed grooves B are cut and fitted with the confining-bars C. D is the inner frame or gilt bead. E is the projection upon the ends of the same. F is the back board, in front of which is the glass resting upon the rabbet in the usual manner. G is the ornament, and H is its dovetail tenon. Instead of halving the outer frame together at the corners it may be mitered in the usual manner.

Claims.

1. As an article of manufacture, a picture-frame, joined and fastened together by means of the dovetailed grooves B and confining-bars C, combined and arranged substantially as set forth.
2. Confining the inner bead by the projection E, in combination with back F, and confining-bars C, and dovetailed grooves B, when combined and arranged substantially in the manner described, as and for the purposes set forth.
3. Attaching the ornaments G by dovetailed tenons H, in combination with dovetailed grooves B, when combined and arranged as and for the purposes set forth.

LAWRENCE N. B. GRAY.

Witnesses:

SYLVENUS WALKER,
GEORGE E. CARTER.