

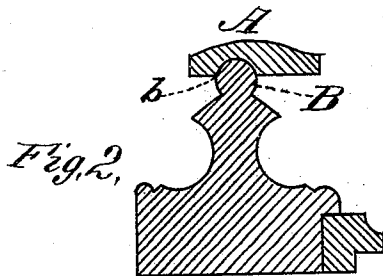
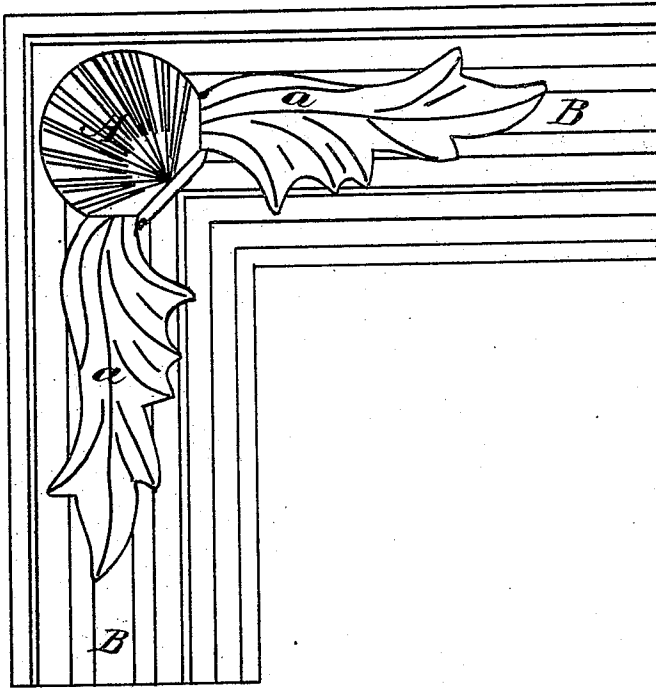
C. P. POINIER.

CORNER-PIECES AND CLAMPS FOR PICTURE-FRAMES.

No. 170,392.

Patented Nov. 23, 1875.

Fig. 1.



Witnesses

W. H. H. Mallory
Attest. Evans

Inventor

Charles P. Poinier
per William Edson Atty.

UNITED STATES PATENT OFFICE.

CHARLES P. POINIER, OF BOSTON, MASSACHUSETTS, ASSIGNOR OF ONE-HALF HIS RIGHT TO GEORGE S. BRYANT & CO., OF SAME PLACE.

IMPROVEMENT IN CORNER-PIECES AND CLAMPS FOR PICTURE-FRAMES.

Specification forming part of Letters Patent No. **170,392**, dated November 23, 1875; application filed July 24, 1875.

To all whom it may concern:

Be it known that I, CHARLES P. POINIER, of Boston, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in Picture-Frames, of which the following is a specification:

This invention has relation to improvements in corner ornaments and joint-binders for picture-frames, the object of which is to prevent the frame from being broken and its joints separated by a casual fall or other rough usage.

The invention consists in an angular groove formed on the under side of an angular corner-plate, which groove is adapted to receive a bead upon the outer edge of the frame, whereby the attachment of the plate to the frame is greatly strengthened when it is nailed thereto, and the liability to breakage of the said frame greatly lessened, as will be hereinafter more fully explained.

In the annexed drawings, the letter A designates an angular metallic plate, the branches *a* of which are at right angles the one to the other, and may be of a length proportionate to the size of the frame upon which they are designed to be applied. These plates may be of any desired style of ornamentation, or of any description of metal or alloy thereof. They may even, where the frame is very light, be made of wood. Whether of wood or iron, they will be provided upon their under side with a groove, *b*, of sufficient depth to receive a bead, B, of corresponding shape, upon the

front edge of the frame. Consequently, when the corner-plate is secured into position by means of suitable bolts, screws, or pins, driven through perforations in the plate into the wood-work of the frame, the function of the said pins, bolts, or screws will be merely to prevent the escape of the bead from the groove on the under side of the corner-plate, while the strain produced by rough handling or a casual fall will be shared, and, to a great extent, borne, by the bead. This effect is due to the fact that the bead serves to prevent the side and end rails from being separated when the angle-plate is secured in position on the frame, so as to take in the said bead; also, to the fact that any strain, instead of being only borne by that portion of the frame where the nails are driven, is distributed over all that portion of the sides and ends of the frame included or covered by the groove or channel in the under side of the angle-plate.

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

As a new article of manufacture, an ornamental corner-piece and clamp for picture-frames, consisting essentially of the plate A, having a right-angular groove, *b*, upon its under side, adapted to receive the upper bead of a picture-frame, substantially as described, and for the purpose set forth.

CHARLES P. POINIER.

Witnesses:

WILLIAM EDSON,
NATHL. EVANS, Jr.