G. K. GLENN & H. FERN.

Cornice Mold and Mitering Device.

No. 200,653. Patented Feb. 26, 1878.

Fig. 1.

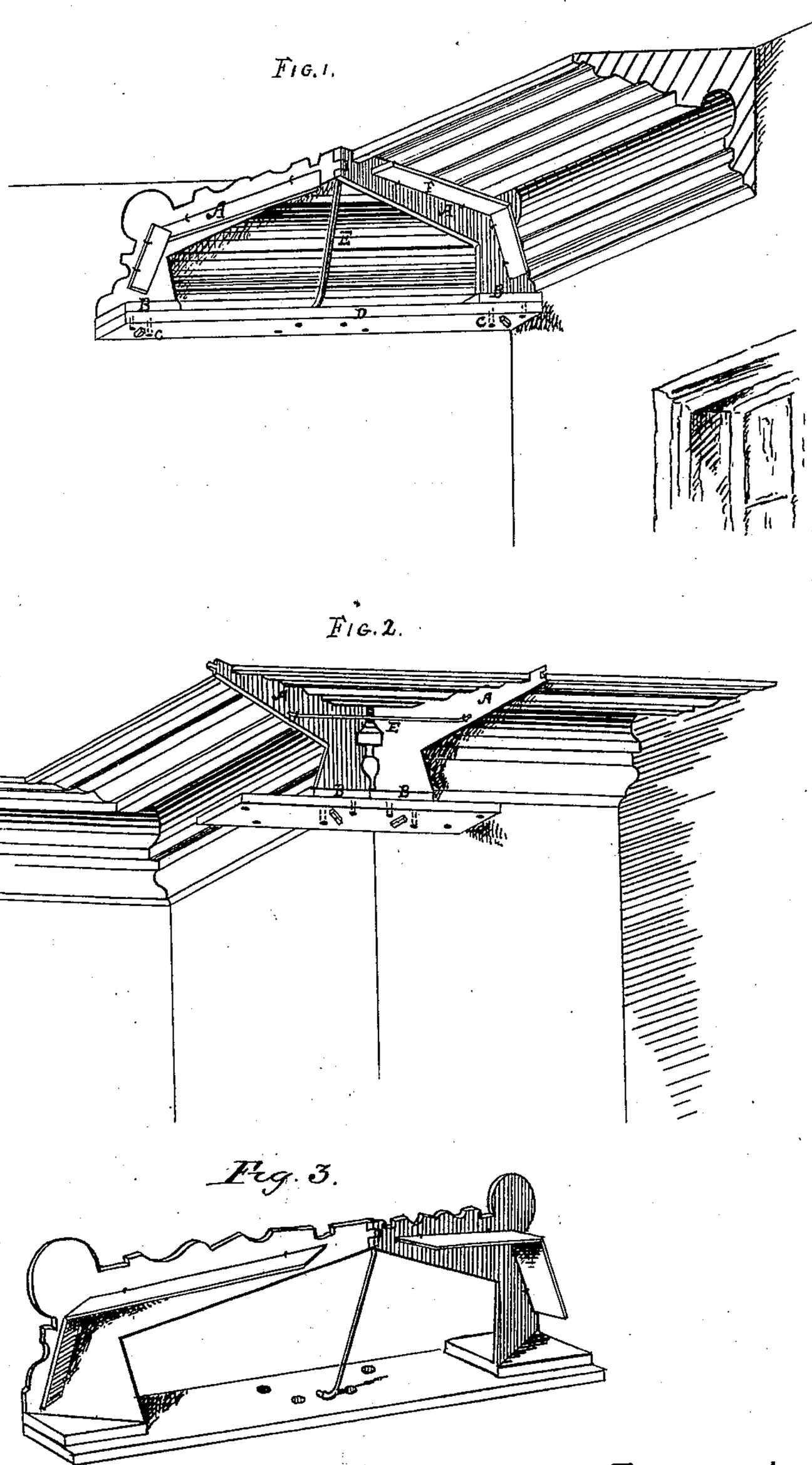

Fig. 2.

Fig. 3.

Witnesses

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UNITED STATES PATENT OFFICE.

GEORGE K. GLENN AND HENRY FERN, OF WOODLAND, CALIFORNIA.

IMPROVEMENT IN CORNICE-MOLDS AND MITERING DEVICES.

Specification forming part of Letters Patent No. **200,653,** dated February 26, 1878; application filed July 30, 1877.

To all whom it may concern:

Be it known that we, GEORGE K. GLENN and HENRY FERN, of Woodland, county of Yolo and State of California, have invented a Cornice-Mold and Mitering Device; and we do hereby declare the following to be a full and clear description thereof, reference being had to the accompanying drawings.

Our invention relates to a novel construction of a cornice-mold for the formation of plaster-of-paris cornices in apartments, and so that the miter-joints at the corners may be easily and rapidly formed at one operation, either externally or internally.

Referring to the accompanying drawing for a more complete explanation of our invention, A A are the forming sides of the cornice-mold. These sides have a foot, B, which is provided with two dowel-pins, C. These pins enter a board, D, and a screw through the foot and board holds them securely together. The dowel-pins are set into the feet diagonally, or in a line with the corners, so that the sides A may be set either to form external or internal angles.

When the sides are set with the feet separated, and secured at the outer end of the board D, as shown in Fig. 1, the mold is fitted to form internal angles; and when set, as shown in Fig. 2, so as to bring the feet together with the outer ends separated, external angles may be formed. The rod E holds the sides together and steadies them in either position, as shown. Upon the exterior of the sides A boards F are hinged, and these may be turned up, so as to catch and distribute the material as the mold is moved along to form the cornice.

The operation will then be as follows: The edges of the sides A being formed to any ornamental shape desired for a cornice, these sides are secured, as before described, upon the base-board D. This base-board is then held against the perpendicular wall of the room, with the outer ends of the side pieces A resting against the ceiling.

The soft plaster is applied in the angle, and the apparatus is moved along, resting against the wall and ceiling, as described. This draws the forming-patterns through the material, and leaves the cornice perfectly shaped, the boards E catching any surplus material and distributing it along as it moves.

It will be obvious that when the sides are set, as in Fig. 1, the device may be moved close to the internal angles of the corners of the room at either side; and as these sides stand at an angle of ninety degrees with each other and forty-five degrees with the board D, it will be seen that the bevel of a miter-joint will be exactly formed in the corner without any other apparatus or any hand-work. The external bevels are also as exactly formed when the sides are set in the position shown in Fig. 2.

By the use of this implement we are enabled to complete the forming of plaster cornice at one operation, the joints being perfectly made at either side without further difficulty.

Having thus described our invention, what we claim, and desire to secure by Letters Patent, is—

1. The cornice-mold and miter-forming device, consisting of the sides A A, adjustably secured to the board D, whereby their outer ends may meet or be separated, so as to form an interior or exterior angle-joint, substantially as herein described.

2. The sides A A, with their feet B and dowel-pins C and securing-screw, in combination with the board D and brace-rod E, substantially as described.

3. In combination with the angularly-placed sides A and board D for forming miter-joints, the hinged distributing-boards F, substantially as and for the purpose herein described.

In witness whereof we have hereunto set our hands and seals.

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