

T. P. CLEARY.

PLASTER CEILINGS, CORNICES, &c.

No. 183,369.

Patented Oct. 17, 1876.

Fig. 1

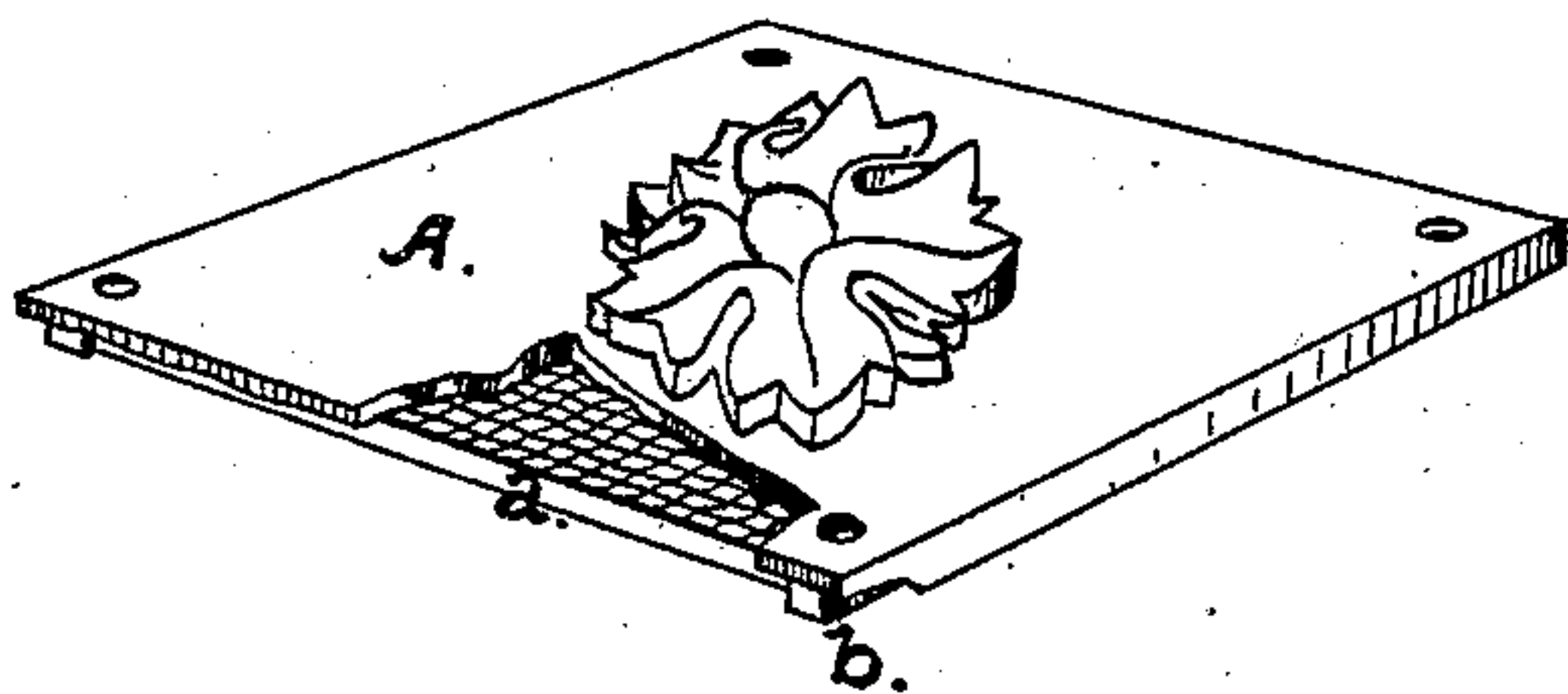
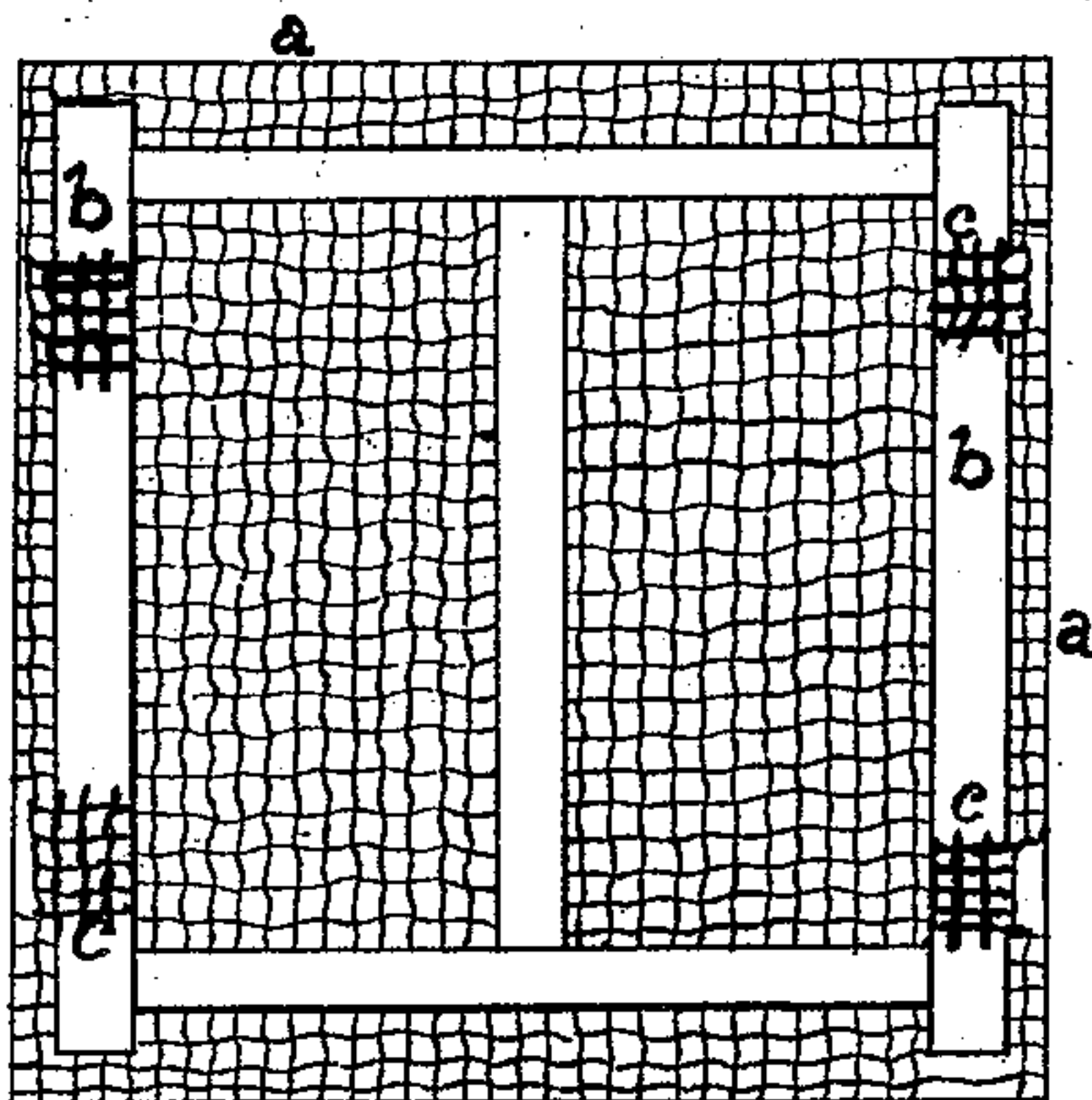


Fig. 2



Witnesses:

Herbert C. Low
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UNITED STATES PATENT OFFICE.

THOMAS P. CLEARY, OF SAN FRANCISCO, CALIFORNIA.

IMPROVEMENT IN PLASTER CEILINGS, CORNICES, &c.

Specification forming part of Letters Patent No. **183,369**, dated October 17, 1876; application filed August 3, 1876.

To all whom it may concern:

Be it known that I, THOMAS P. CLEARY, of the city of San Francisco, in the State of California, have invented an improvement in the construction of cornices, center-pieces, and other plain and ornamental plastering, of which the following is a specification:

My invention relates to a completed article of manufacture, an ornament of peculiar construction for walls and ceilings, adapted to be secured in position.

The object of my invention is to produce ornaments that will not crack, fall off, or blister, and that shall be earthquake-proof, as will more fully appear hereafter.

Figure 1 of the accompanying drawings shows a center-piece constructed after my invention, with a portion of the plaster broken away to expose the frame or body. Fig. 2 is a view of the under side of the frame or body before the plastering is applied.

The base or body of the ornament to be made, whether a center-piece or cornice, is first formed of a frame composed of strips of wood or metal joined together into the desired shape and size of the ornament, and upon and over this frame-work is stretched a netting or gauze of wire or fibrous material, having meshes sufficiently open to allow the plaster to engage with and adhere to it. Over and upon this is laid the coating of plaster, and the netting is pressed up more or less into the shape to be given to the ornament, so that the parts that project or stand out in relief may be strengthened by the netting or gauze that is in this manner incorporated with the plastering.

In the drawing, *a a* represent the netting or gauze of wire or fibrous material; *b b*, the frame-work formed of strips of wood or metal, and *c c* the parts of the netting that are bent over and secured to the frame. The plaster A is spread over this frame-work or body,

and molded after the usual method of forming ornaments of this character to any desired pattern or figure, and when finished and sufficiently set, the ornament is secured in place by means of screws inserted through the holes provided in the frame and through the plaster, as shown in Fig. 1 of the drawing.

This plastering can be made in parts or sections of any convenient size, more or less ornamented, and then secured in place upon ceilings or walls. It can be laid over old plastering, wainscoting, or wood-sheathing, and thus form a covering that will not crack, fall off, or blister. These qualities render it of great value in countries visited by earthquakes.

The gauze or netting *a a* may be either of wire or of fibrous material, but the meshes should be sufficiently wide or open to allow the plastering to be worked through and be combined with the strands or fibers. It may be secured to the frame-work by turning over the edges and securing them on the under side, or by stretching and tacking it over the frame.

Having thus fully described the nature and operation of my invention, what I claim therein as new, and desire to secure by Letters Patent, is—

As a new article of manufacture, an ornament adapted to be secured in position, consisting of a frame, *b*, netting *a*, stretched over the same, and plaster A, spread over the netting, substantially as described and shown.

In witness whereof I have hereunto set my hand and seal this 12th day of July, A. D. 1876.

THOMAS P. CLEARY. [L. S.]

In presence of—

C. W. M. SMITH,

EDWARD E. OSBORNS.