

T. O'CALLAHAN.
Metallic Lathing.

No. 141,945.

Patented August 19, 1873.

Fig. 1.

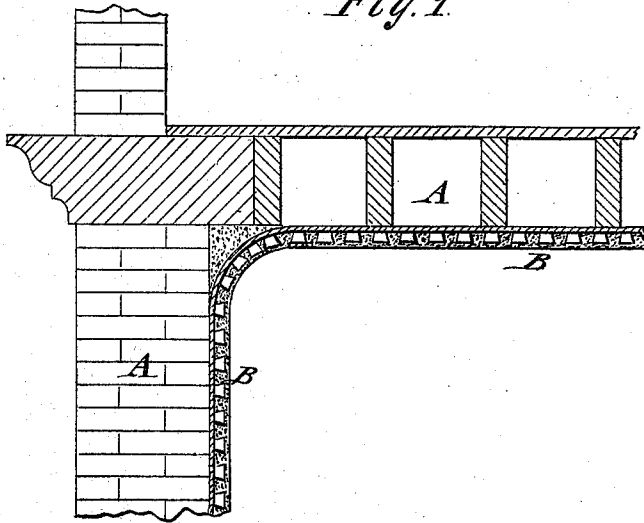


Fig. 2.

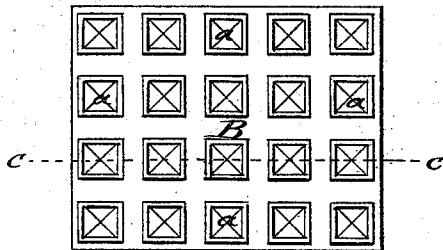


Fig. 3.



Witnesses:

E. Wolff.
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UNITED STATES PATENT OFFICE.

TIMOTHY O'CALLAHAN, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN METALLIC LATHING.

Specification forming part of Letters Patent No. 141,945, dated August 19, 1873; application filed May 5, 1873.

To all whom it may concern:

Be it known that I, TIMOTHY O'CALLAHAN, of Boston, in the county of Suffolk and State of Massachusetts, have invented a new and Improved Fire-Proof Lathing, of which the following is a specification:

In the accompanying drawing, Figure 1 represents a vertical section of my improved metal lathing as applied to a dwelling or store. Fig. 2 is a detail plan view of the same; and Fig. 3, a vertical longitudinal section on the line *c c*, Fig. 2.

Similar letters of reference indicate corresponding parts.

The object of my invention is to furnish an improved metallic sheathing for the inner walls of buildings; and the same consists in a new article of manufacture in the form of metallic sheets with projections, adapted for ornamental ceilings or walls, to be painted or plastered, as desired.

In the drawing, A represents the ceiling and side wall of a building covered by sheets B of cheap metal, having stamped, cast, or otherwise connected to its face dovetail-shaped

studs *a*. The studs *a* are in the shape of truncated pyramids, with face recesses for the firm adhesion of the plaster to be placed around and over them. These sheets B are to be nailed or otherwise secured to the wall. Much less plaster is required for filling the space between the studs than for covering the ordinary lathed wall, and the work is performed in less time, while the plaster dries quicker, and is not so liable to crack. The use of the plates or sheets also effects an economy of space, and when properly jointed and painted make a very neat ceiling or wall-covering without plaster.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

As a new article of manufacture, a metallic sheet or plate for covering ceilings, the same being provided with projections or studs *a*, cast or formed with it, as shown and described.

TIMOTHY O'CALLAHAN.

Witnesses:

JOHN V. APHORP,
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