

H. R. CANINE
Construction of Buildings.

No. 212,894

Patented Mar. 4, 1879.

Fig. 1.

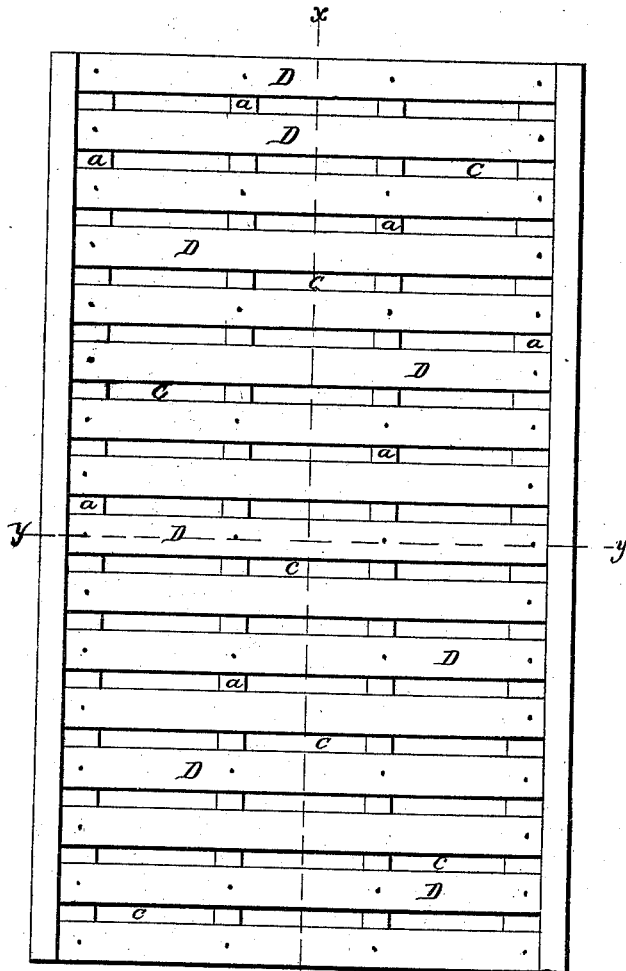


Fig. 2.

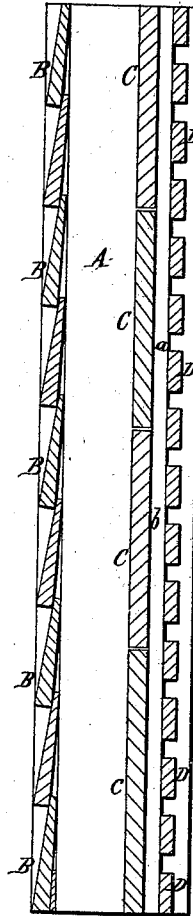
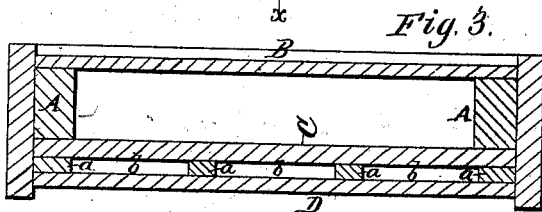


Fig. 3.



WITNESSES:

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HENRY R. CANINE, OF CRAWFORDSVILLE, INDIANA.

IMPROVEMENT IN CONSTRUCTION OF BUILDINGS.

Specification forming part of Letters Patent No. **212,894**, dated March 4, 1879; application filed January 24, 1879.

To all whom it may concern:

Be it known that I, HENRY RICE CANINE, of Crawfordsville, in the county of Montgomery and State of Indiana, have invented a new and useful Improvement in the Construction of Buildings, of which the following is a specification:

This invention relates to the manner of applying the lining or sheathing and the lathing to houses; and the object thereof is to facilitate and economize the construction of frame buildings by lessening the quantity of material employed and the time required in erecting and finishing them.

It consists in lining or sheathing the inside of the studding instead of the outside, as heretofore, and applying vertical strips to the outside of the sheathing, to which the lathing is nailed, whereby when the plaster is applied it forms with the sheathing and lathing a solid wall.

In the accompanying drawings, Figure 1 is a section of the side of a house constructed according to my improvement. Fig. 2 is a vertical section of the same on line *xx*; and Fig. 3 is a cross-section on line *yy*, Fig. 1.

Similar letters of reference indicate corresponding parts.

Referring to the drawings, the studding of a building is indicated by the letters A. To this, on the outside, is nailed the weather-boarding B, directly, instead of first applying the sheathing or lining and then attaching it to the latter, in the method now commonly employed.

On the inside of the studding is placed a sheathing, C, and to this are nailed vertical

strips *a*, at the proper distance apart, and to these in turn is attached, in the usual manner, the lathing D. The plaster is applied to the lathing in the usual manner, and, passing through the interstices between the laths, it fills up the slight space, *b*, between them and the sheathing, thus giving a solid wall composed of the sheathing, vertical strips, lathing, and plaster.

Constructing the walls of houses in this manner gives greater warmth to the house, and economizes time and material, as applying the weather-boarding and plastering can both be carried on at the same time. Fewer studs may be employed, as the lathing is not attached to them, without lessening the strength of the structure, and the inside of the walls after plastering may be finished up much more quickly.

Picture-nails, hooks, &c., may be applied to any part of the wall, which is sufficiently solid to receive and retain them at any point.

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

As an improvement in the construction of frame buildings, the lining or sheathing C, applied to the inside of the studding A, the vertical strips *a*, nailed to the sheathing, and the laths D, nailed to the said strips, whereby when the plaster is applied a solid wall is made, composed of the sheathing, strips, lathing, and plaster, substantially as described.

HENRY RICE CANINE.

Witnesses:

ORPHEUS M. GREGG,
JAMES S. SELLARS.