Oct. 5, 1926. 1,601,852

R. H. CLARK

BUILDING CONSTRUCTION

Filed Oct. 8, 1925

Fig. 1.

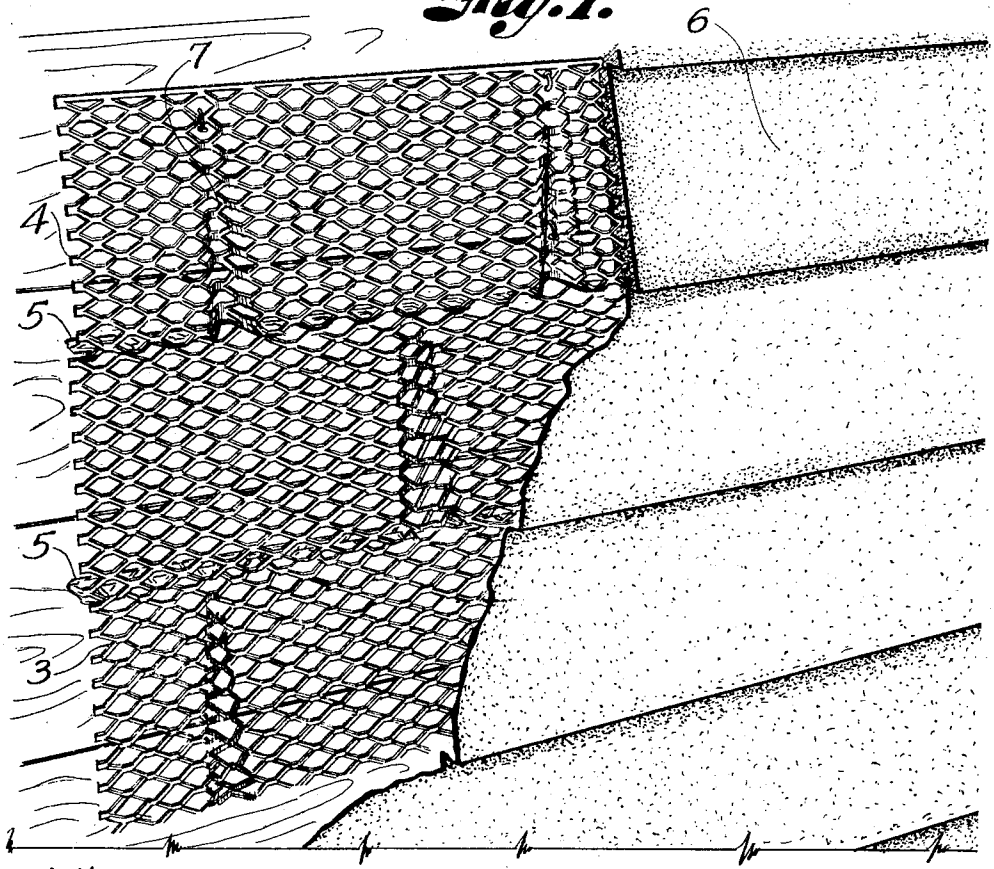


Fig. 2.

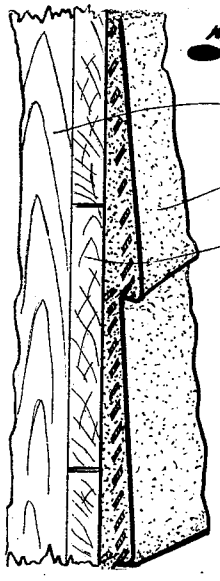


Fig. 3.

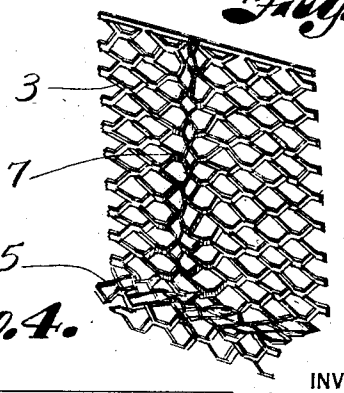
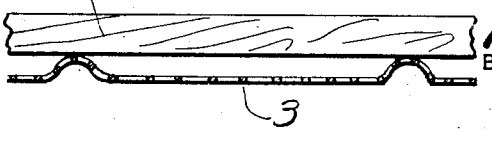


Fig. 4.



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UNITED STATES PATENT OFFICE.

RUSSELL H. CLARK, OF KANSAS CITY, MISSOURI.

BUILDING CONSTRUCTION.

Application filed October 8, 1925. Serial No. 61,365.

My invention relates to building construction and more particularly to the wall of a detached house or residence, the principal object of the invention being to provide a stucco wall having the appearance of what is commonly known as "wide siding".

In accomplishing this object I have provided improved details of structure, the preferred forms of which are illustrated in the accompanying drawings, wherein:—

Fig. 1 is a perspective view of a wall constructed in accordance with my invention, a part of the plaster or stucco covering being removed to permit illustration of the lath.

Fig. 2 is a vertical, sectional, perspective of a part of the building, illustrating the wall studs and sheathing.

Fig 3 is a detail, perspective view of a portion of the metal lath.

Fig. 4 is a horizontal section, figuratively illustrating the ribs in the lath for spacing the lath from the sheathing.

Referring more in detail to the drawings:—

1 designates the studding and 2 the sheathing, which ordinarily form component parts of a building wall. Applied to the sheathing 2 is a specially formed metal lath 3, comprising body portions 4 of about the width of the boards employed for the wide siding covering the wall of a house intended for residential use, and shoulders 5 connecting adjacent body portions 4 so that when the lath is applied to the flat sheathing with the shoulders arranged horizontally, the body portions will incline downwardly and outwardly so that their lower portions are spaced from the wall by the shoulders 5.

When the lath has been applied to the sheathing as described, it is covered with plaster 6 and the plaster trowelled and scraped to form flat faces over the body portions of the lath and offsets beneath the shoulders 5 so that when the lath has been completely covered with the plaster, the wall will have the appearance of wide siding, the shouldered portions giving the impression of the overlapped edges of the boards of the actual wide siding construction.

In order to maintain the proper spacing of the lath from the sheathing under the pressure of applicaton of the plaster to the lath, I provide the lath with indented ribs 7, to engage the sheathing throughout the width of the body portion of the latter and provide a backing for the lath to maintain its contour while the plaster is being applied.

While the present wall construction will require more plaster than an ordinary flat stucco wall because of the spacing above the shoulders of the body portions into which the plaster must be filled, it is believed that the more attractive appearance of a wall constructed in accordance with my invention will more than offset the objection of additional cost.

What I claim and desire to secure by Letters Patent is:

1. In building construction, a wall, means on the wall for carrying plaster, comprising outwardly and downwardly inclined portions terminating horizontally in inset shoulders, and plaster covering said means and following the contour thereof, the whole constituting a vertical series of overhanging, horizontal wall sections.

2. In building construction, a wall, means on the wall for carrying plaster, comprising outwardly and downwardly inclined portions, horizontal connecting shoulders and ribs spacing the inclined portions from the wall, and plaster carried by and following the contour of said means, the whole constituting a series of integral, overhanging wall-covering sections.

3. In building construction, a wall, comprising sheathing, metal lath attached to the sheathing and comprising outwardly and downwardly inclined body portions, a horizontal shoulder connecting the lower edge of each body portion with the upper edge of a next lower body portion, and inset ribs on said body portions, spacing same from the sheathing, and plaster carried by the lath and following the contour thereof, constituting a continuous wall covering in horizontal, overhanging sections.

In testimony whereof I affix my signature.

RUSSELL H. CLARK.