

(No Model.)

M. C. NICHOLS.
SHEATHING LATH.

No. 513,025.

Patented Jan. 16, 1894.

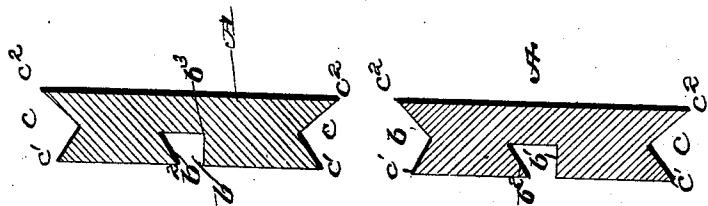


Fig. 3.

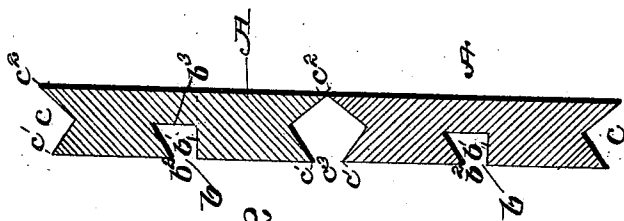
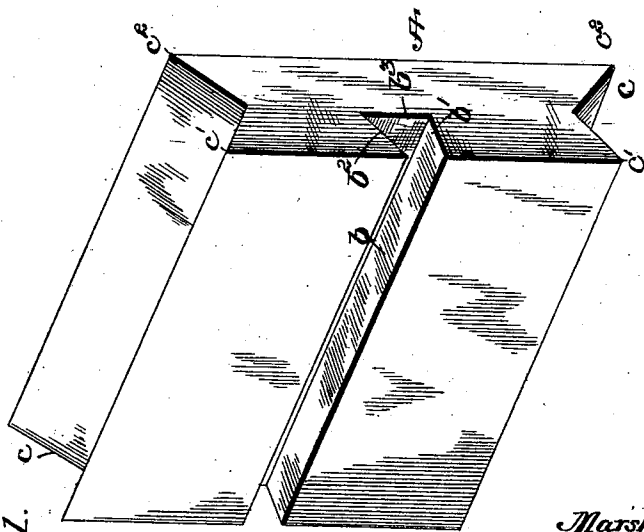


Fig. 2.



Witnesses

John D. Smith
Wm. H. Dean

Fig. 1.

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MARSHALL C. NICHOLS, OF VIROQUA, WISCONSIN.

SHEATHING-LATH.

SPECIFICATION forming part of Letters Patent No. 513,025, dated January 16, 1894.

Application filed April 10, 1893. Serial No. 469,776. (No model.)

To all whom it may concern:

Be it known that I, MARSHALL C. NICHOLS, a citizen of the United States, residing at Viroqua, in the county of Vernon and State of Wisconsin, have invented certain new and useful Improvements in Sheathing-Laths; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

Figure 1, is a perspective view of this lath. Fig. 2, is a side view showing the sections of the lath abutted at the ends. Fig. 3, is a like view showing the same sections separate.

The invention belongs to the class of devices known as sheathing laths, and the novelty consists in the detail of the structure, whereby the lath can be easily and cheaply made, and in use will afford the best holdings for the mortar; will not be liable to warp or crack; and in all details and particulars both as regards the manufacture and its use will be a cheap, serviceable and excellent lath, all as will now be more fully set out and explained as well as pointed out in the claims.

In the drawings A, denotes a section of wooden lath or lath sheathing which has in its face the groove b , one edge b' of which is perpendicular, that is at right angle with the bottom; the other edge b^2 , of the groove is an inclined angle and the bottom b^3 , is parallel to the bottom edge or face of the lath. At each end of the section is a cut or groove c , in general of the shape called fish tail, except that its lower inclined side c' , is not so long as the upper line c^2 and said side c' , is parallel with the inclined side b^2 , of the groove b . When the ends of the lath sections are matched or abutted the cuts c , made as above form an opening of a sort of keystone shape in which the upper points meet, while there is at the lower end an opening c^3 , say of about the same width as that of one of the inclined grooves b , the grooves to be of any number and

depth desired. The small points or ends of c^2 , coming together leaves but very little solid wood to shrink or swell.

The lath can be put either edge of the board up which will save time in putting it on and also prevent the moisture in the mortar from being retained in the groove and drying unevenly.

The advantages of this lath consist chiefly in the cheapness of its structure, thin material being used and the lath cut by inexpensive and simple machinery, also in the fact that the best clinching grooves are made and that the mortar will not spring or break the lath.

What I claim is—

1. A sheathing lath having in its face a groove having one side at right angles with the face, the rear side parallel to it, and the other side inclined and at its ends the cut or groove of a general fish tail shape the lower line being the longer, so that when matched with or abutted to an adjoining lath section a groove of keystone shape is formed having a closed top and an opening at the lower end, all substantially as described.

2. The within described lath section A, having in its lower edge a groove b , one edge b' , of which is at right angles with the face, the other edge b^2 , of which is inclined and the rear b^3 , is parallel with the face and the end notch or groove c , the lower side line c' , of which is parallel with the inclined edge b^2 of the aforesaid groove b , and is shorter than the upper side line c^2 , whereby when the ends of two lath sections are matched there is formed the keystone opening c^3 , closed at the top and open at the bottom, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

MARSHALL C. NICHOLS.

Witnesses:

HENRY STEENSON,
N. H. NELSON.