M. S. GOLDSMITH

METALLIC LATH.

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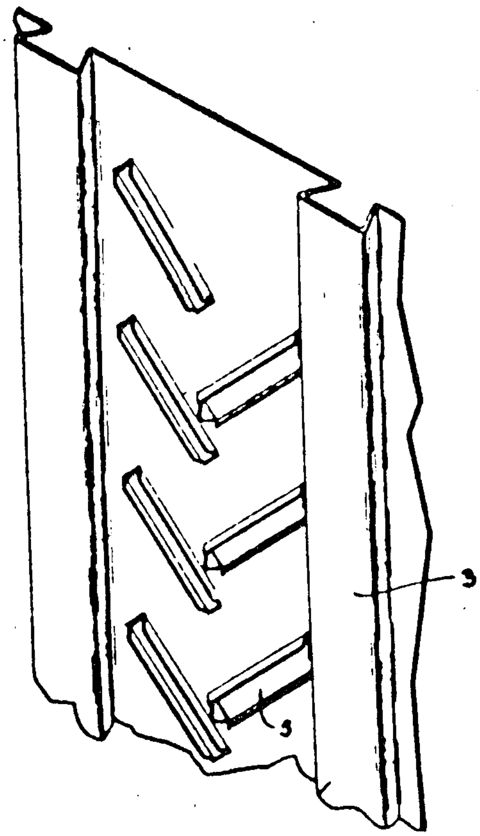

Witnesses

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1,029,864. METALLIC LATH. MAX S. GOLDSMITH, Cincinnati, Ohio, assignor, by mesne assignments, to The Cellular Metal Company, St. Bernard, Ohio, a Corporation of Ohio. Filed Oct. 27, 1910. Serial No. 589,401.

To all whom it may concern:

Be it known that I, MAX S. GOLDSMITH, a citizen of the United States of America, and resident of Cincinnati, county of Hamilton, and State of Ohio, have invented certain new and useful Improvements in Metallic Laths, of which the following is a specification.

The object of this invention is to produce a metallic lath of improved construction, which is comparatively light, and yet strong and comparatively rigid in both directions.

A further object is to produce a lath provided with flanged openings, for holding the plastering in place on the lath, in which the flanges add to the stiffness of the lath in both directions.

These and other objects I attain in lath embodying the features herein described, and illustrated in the drawings accompanying this application and forming a part thereof.

In the drawings, the figure is a fragmental perspective view of a metallic lath embodying my invention.

The lath illustrated is provided with the stiffening strips 3 and elongated rectangular flanged openings 5 formed in the metal of the lath, which is located between the stiffening ribs. The flanged openings 5 between the stiffening ribs are arranged in two rows, and the openings of one row are provided with staggered relation to the openings in the other row. The perforations in one row or series are parallel to each other. In addition to this, the openings in one row extend at right angles to the openings in the other row, and each opening extends at an angle of 45 degrees to the strips 3. With this arrangement the flanges of the openings of one row coöperate with the flanges of the adjacent row in stiffening the lath vertically as well as horizontally, and in this manner produces a much stiffer lath than has heretofore been produced with material of the same weight. The flanges surrounding the holes perform the function likewise of assisting the ribs in supporting the plaster firmly.

In use, the lath is secured in place with the axis of the ribs 3 in a vertical plane.

What I claim is:—

1. A metallic lath provided with longitudinally extending stiffening ribs between which are a plurality of longitudinally extending series of elongated holes with flanges along the edges of the holes, the holes in a series being parallel to each other, at an angle to the holes of an adjacent series, in staggered relation thereto, and crossing a straight line joining the ends of said adjacent series.

2. A metallic lath provided with a plurality of series of elongated holes with flanges along the edges of the holes, the holes in the series being parallel to each other, at an angle to the holes of an adjacent series, in staggered relation thereto, crossing a straight line joining the ends of said adjacent series, and the edge of a hole in one series and the edge of a hole adjacent thereto in the same series being on a line normal to the width of the lath.

MAX S. GOLDSMITH.

Witnesses:
WALTER F. MURRAY,
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