

E. A. WILSON.
METAL LATH.

APPLICATION FILED SEPT. 17, 1908.

930,255.

Patented Aug. 3, 1909.

Fig. 1.

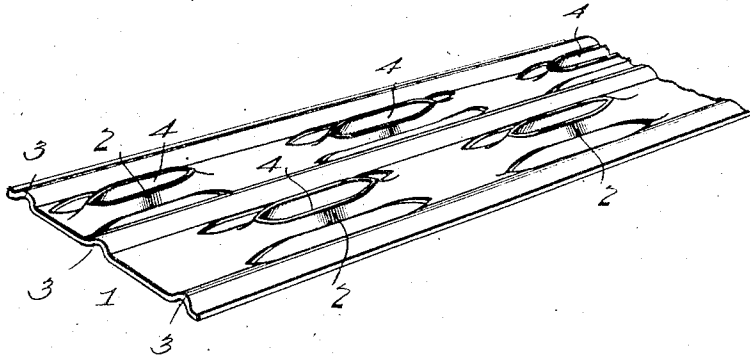
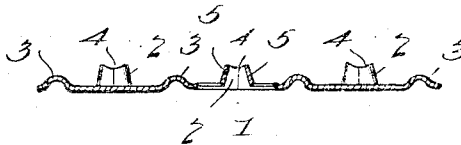


Fig. 2.



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Witnesses

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UNITED STATES PATENT OFFICE.

ELMER A. WILSON, OF NILES, OHIO.

METAL LATH.

No. 930,255.

Specification of Letters Patent.

Patented Aug. 3, 1909.

Application filed September 17, 1908. Serial No. 453,466.

To all whom it may concern:

Be it known that I, ELMER A. WILSON, a citizen of the United States, residing at Niles, in the county of Trumbull and State of Ohio, have invented certain new and useful Improvements in Metal 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.

My invention relates to metal lathing and is designed as an improvement upon the type described in Letters Patent No. 408,599 issued to Ira S. Elkins, on Aug. 6, 1889, and in Letters Patent No. 459,625 issued to Walter W. Bostwick on Sept. 15, 1891.

The object of the present invention is to increase the rigidity of the lathing and otherwise improve its construction whereby it will require a less amount of mortar to adhere thereto.

The invention consists in taking a piece of metal lathing constructed in accordance with the Bostwick patent above referred to and cutting a longitudinal slit in the center of each of the projecting loops and then turning the two halves out of the horizontal planes of said loops so that they stand nearly vertical but slightly inclined toward each other. The turning of the halves of the loops in this way adds greatly to the strength of the lathing while the subdividing of the space left by cutting the loop leaves smaller openings to be filled with mortar.

The invention further consists in the features of construction and combinations of parts hereinafter described and specified in the claims.

In the accompanying drawing, illustrating the preferred embodiment of my invention; Figure 1 is a perspective view of a piece of metal lath constructed according to my invention, and Fig. 2 is a transverse sectional view thereof.

Referring more particularly to the drawing, 1 designates a piece of sheet metal on which raised loops 2 are formed in rows substantially as described in the patent to Bost-

wick hereinbefore referred to. Longitudinal ridges or corrugations 3 are formed between 50 and parallel with the rows of loops as also described in said patent.

A slit 4 is cut longitudinally in the center of each of the loops and the two halves 5 are turned out of the horizontal plane of said loops forming a sort of truss. As illustrated more clearly in Fig. 2; said halves are preferably arranged nearly vertical but slightly inclined toward each other so as to be better adapted for retaining the clenching-tongue 60 of the mortar and restrict the openings whereby the mortar will not be wasted.

I claim:

1. A metal lath consisting of a piece of metal formed with a series of pairs of parallel slits and having the body of the metal between the slits of each pair drawn upward to form loops, each of said loops being slit longitudinally in the center and the two halves turned out of the horizontal plane of said loops. 70

2. A metal lath consisting of a piece of metal formed with a series of pairs of parallel slits and having the body of the metal between the slits of each pair drawn upward to form loops, each of said loops being slit longitudinally in the center and the two halves turned to assume oppositely inclined positions in a vertical plane. 75

3. A metal lath consisting of a piece of metal formed with a series of pairs of parallel slits and having the body of the metal between the slits of each pair drawn upward to form loops, each of said loops being slit longitudinally in the center and the two halves turned out of the horizontal plane of said loops, and ridges extending between and parallel with the rows of loops. 80

In testimony whereof, I affix my signature, in presence of two witnesses. 80

ELMER A. WILSON.

Witnesses:

CHARLES R. HOLETEN,
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