

(No Model.)

B. SCARLES.
METALLIC LATHING.

No. 388,919.

Patented Sept. 4, 1888.

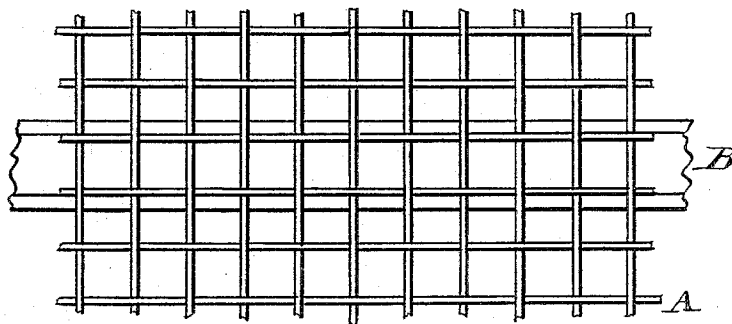


Fig. 1.

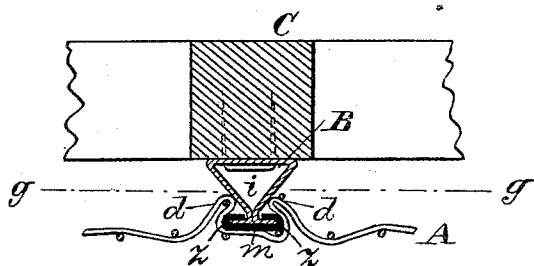


Fig. 2.

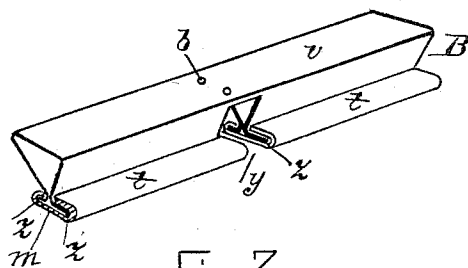


Fig. 3.

WITNESSES.

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METALLIC LATHING.

SPECIFICATION forming part of Letters Patent No. 388,919, dated September 4, 1888.

Application filed May 31, 1887. Serial No. 239,799. (No model.)

To all whom it may concern:

Be it known that I, BENJAMIN SCARLES, of Clinton, in the county of Worcester, State of Massachusetts, have invented a certain new and useful Improvement in Metallic Lathing, of which the following is a description sufficiently full, clear, and exact to enable any person skilled in the art or science to which said invention appertains to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is an elevation representing a piece of the body of my improved lathing and a furring-strip unattached; Fig. 2, a vertical transverse section representing the lathing in position for use on the ceiling of a room, and Fig. 3 a perspective view of the furring-strip detached.

Like letters of reference indicate corresponding parts in the different figures of the drawings.

My invention relates to that class of metallic lathing in which the body or lathing proper is composed of wire-cloth; and it consists in a novel construction and arrangement of parts, as hereinafter more fully set forth and claimed, the object being to produce a more desirable article of this character than is now in ordinary use.

The nature of the improvement will be readily understood by all conversant with such matters from the following explanation.

In the drawings, A represents the body; B, the furring-strip; and C the beam, to which the lathing is attached.

The furring-strip is preferably composed of sheet metal, its body *v* being triangular in cross-section and provided at its apex with two laterally-projecting flanges, *z z*. A cap, *m*, is secured to the furring by having its edges turned inwardly over the flanges *z*, as shown at *t*.

Transverse slots or apertures *y* are formed at intervals in the furring-strip, and immediately over these slots in the body *v* there are holes *b*, for receiving staples *i*, by which the strip is secured to the beam C, the slots enabling the staples to be inserted in the holes.

The body A of the lathing is attached to the furring-strip by being bent inwardly at either side thereof, over the cap *m*, as shown at *d d*, after the strips are stapled to the beams; but it may be attached before the strips are attached to the beams, if preferred. When the plaster is applied to the lathing and forced through the meshes of the body A, around the bends *d*—for example, to the line *g g*—said bends will be rigidly held in position, thereby preventing the cloth from sagging or escaping from the furring.

In attaching the cloth to the furring the web is placed on the cap *m*, as shown in Fig. 1, and then bent or folded inwardly at either side thereof by any suitable implement for that purpose, after which the body of the cloth is leveled or brought onto the same plane with a portion of the same which is immediately over the bottom or face of the cap *m*.

I do not confine myself to constructing the furring-strip B with the transverse slot *y* for receiving the staple, as any other suitable means for attaching the strip to the beam may be used. The holes *b* may also be omitted, even when the slots *y* are employed, the staple being placed astride the body *v* in the slot.

Having thus explained my invention, what I claim is—

1. In a metallic lathing, the furring B, comprising a triangular body, *v*, and flanges *z z*, projecting laterally from its apex, in combination with a wire-cloth body, A, secured to said furring by bends or folds *d* of the body of the lathing embracing said flanges.

2. In a metallic lathing, the furring B, comprising a triangular body, *v*, and flanges *z z*, projecting laterally from its apex, and a cap, *m*, covering the face of said flanges and folded inwardly around their edges, in combination with a wire-cloth body, A, secured to said furring by bends or folds *d* of the body of the lathing embracing said cap and flanges.

3. In a metallic lathing, the furring B, comprising a triangular body, *v*, and flanges *z z*, projecting laterally from its apex, said body and flanges having transverse slots *y* at intervals throughout the length of the furring, in combination with a wire-cloth body, A, secured

to said furring by bends or folds $\bar{a}$ of the body of the lathing embracing said flanges, and staples i within said slots, substantially as described.

- 5 4. In a metallic lathing, the furring B, comprising a triangular body, v , and flanges $z z$, projecting laterally from its apex, said body and flanges having transverse slots y at intervals throughout the length of the furring, and said
10 base having holes b opposite said slots, in com-

bination with a wire-cloth body, A, secured to said furring by bends or folds $\bar{d}$ of the body of the lathing embracing said flanges, and staples i , passing through said holes within said slots, substantially as described.

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Witnesses:

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