

(No Model.)

G. KELLY.
METALLIC LATHING.

No. 359,679.

Patented Mar. 22, 1887.

FIG. 1.

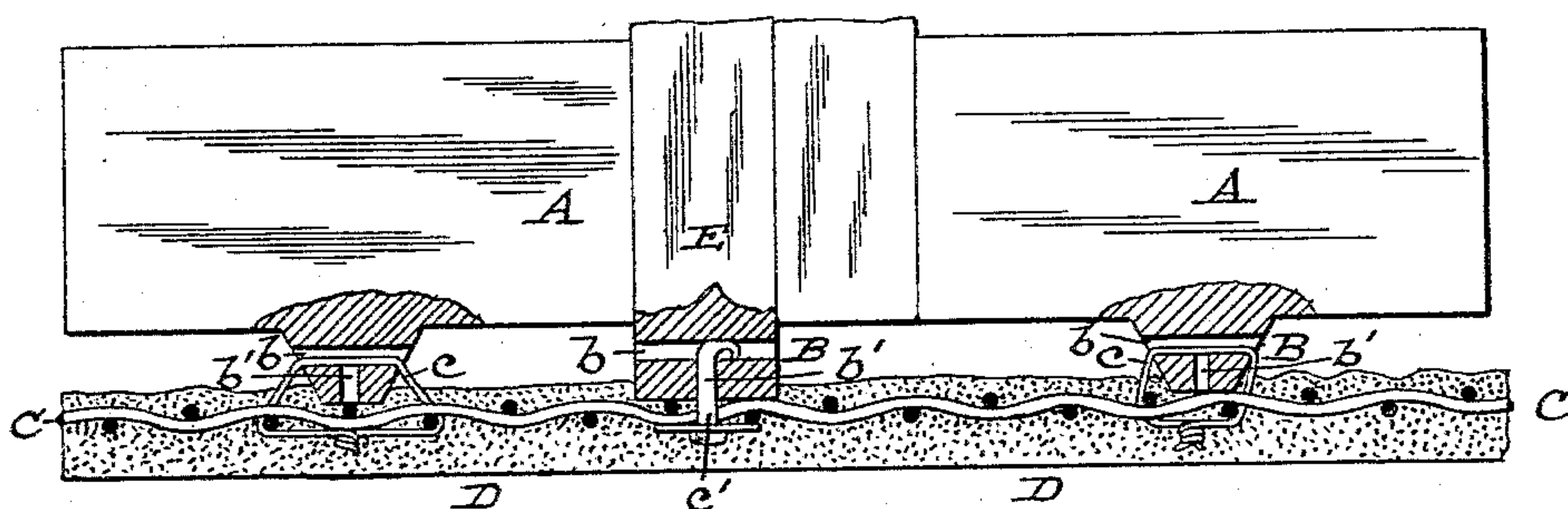


FIG. 2.

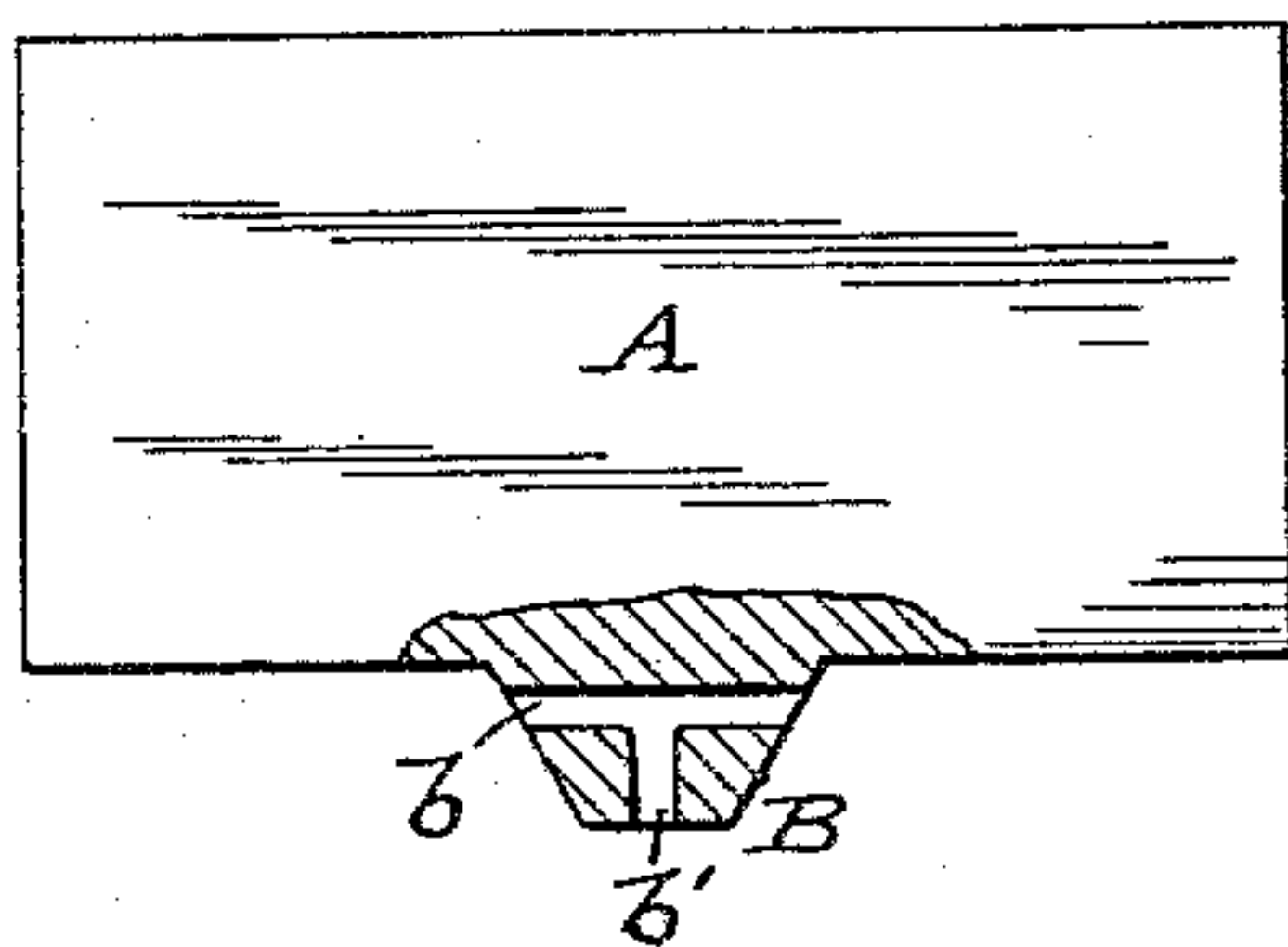


FIG. 3.

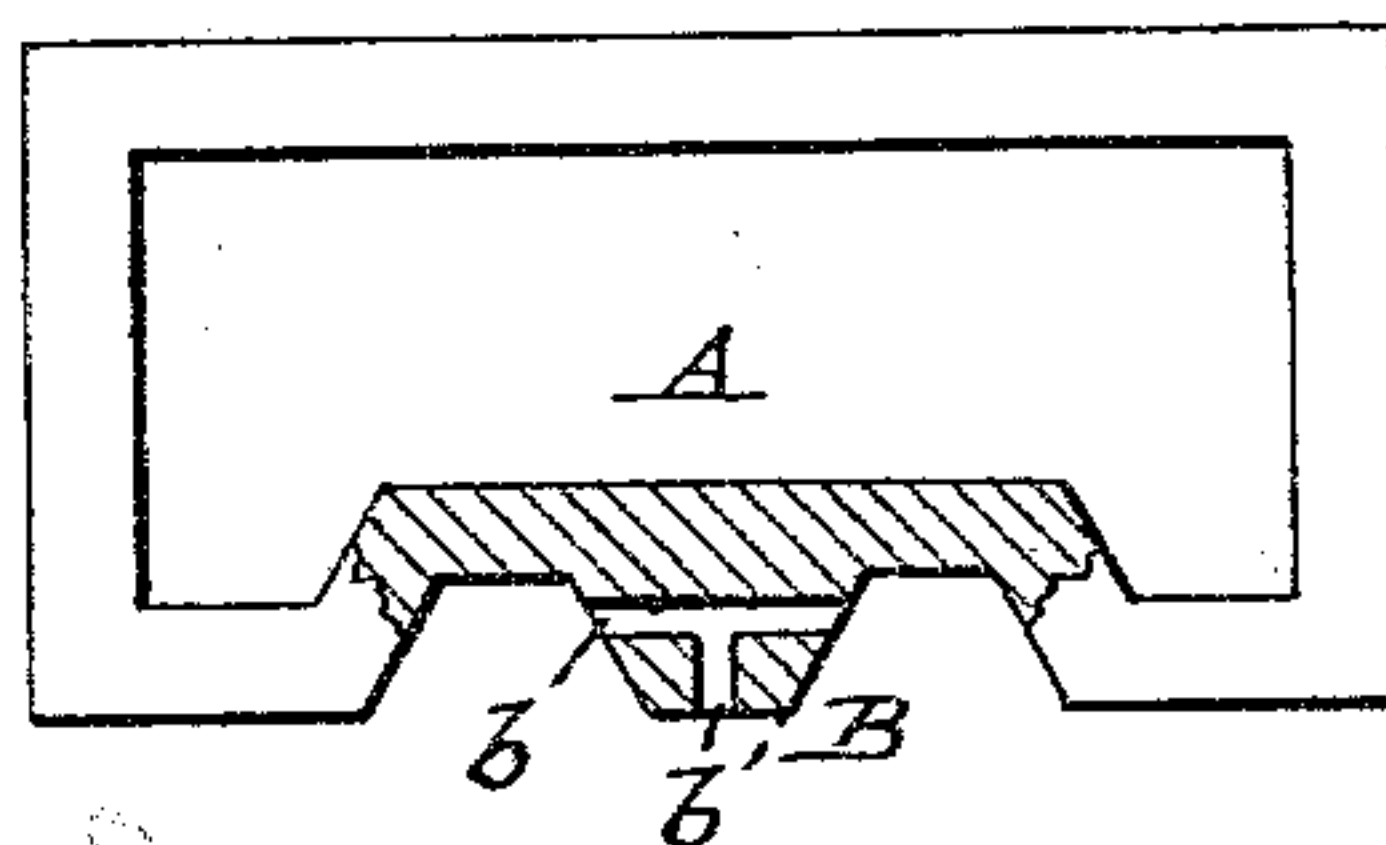
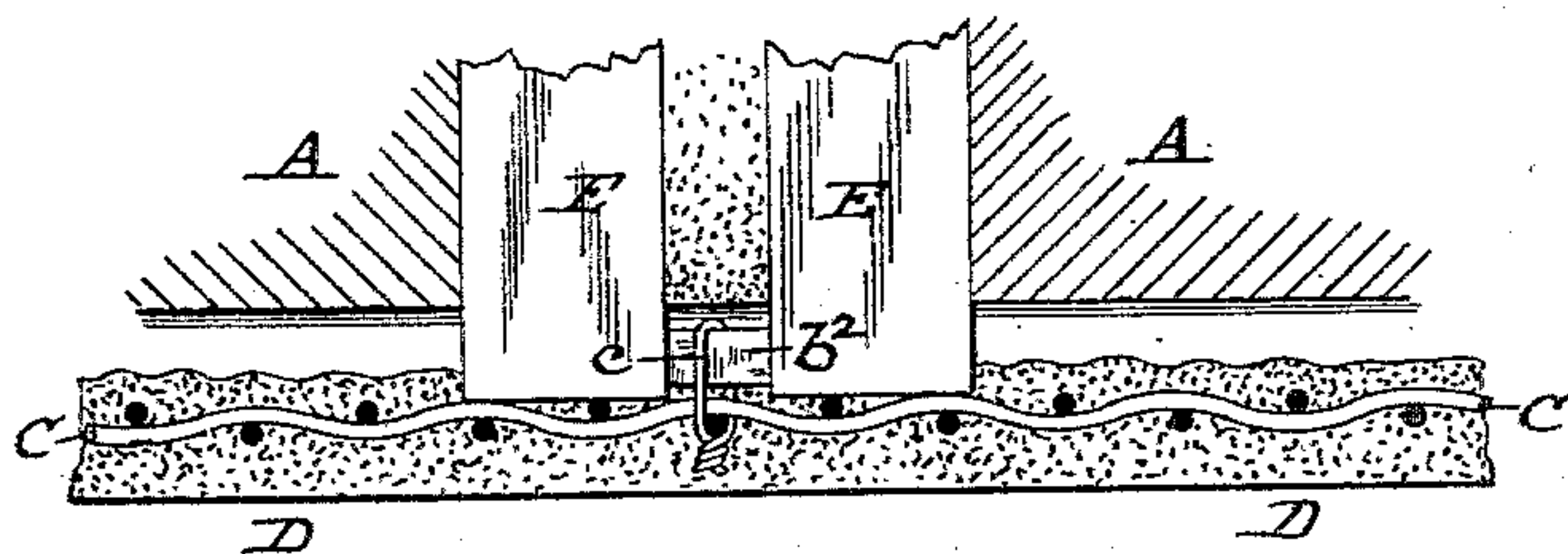


FIG. 4.



ATTEST:

J. W. Harris
Geo. H. Arthur

INVENTOR:

George Kelly
per *Robert Burns*
Attorney.

UNITED STATES PATENT OFFICE.

GEORGE KELLY, OF CHICAGO, ILLINOIS.

METALLIC LATHING.

SPECIFICATION forming part of Letters Patent No. 359,679, dated March 22, 1887.

Application filed June 9, 1886. Serial No. 204,564. (No model.)

To all whom it may concern:

Be it known that I, GEORGE KELLY, a citizen of the United States, and a resident of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Metallic Lathing; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification, and in which—

Figure 1 is a detail section showing the wall, lathing, and plastering, and illustrating two modified forms of the attaching projections on the wall or other surface. Figs. 2 and 3 are detailed views of the improved form of brick or hollow tile employed in my present improvement to form the wall, partition, or other division; and Fig. 4, a detailed section of a modified means for forming the attaching projections on the walls, &c.

Similar letters of reference indicate like parts in the several views.

This invention relates to improvements in that class of lathing for plastering purposes in which a layer or web of wire cloth or netting is employed to form a surface to receive and hold the body of plaster; and the object of the present improvement is to provide a simple and effective means for the firm and substantial attachment of such metallic lathing to the wall or other surface to be plastered, and which at the same time will cause a "deadening-space" to be formed between the wall and the body of plaster, to prevent the transmission of heat, cold, or sound through the same.

To enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to more fully describe its mode of construction, application, and use.

As represented in the drawings, the wall, &c., A, is provided at suitable distances apart with projecting portions B, against which rests the wire or other metallic lathing C, that receives and holds the body of plaster D. In my invention these projections B may be formed integral with the brick or tile composing the wall or partition, as indicated to the right and left in Fig. 1, or by means of projecting headers E, built into the same, as indicated in the central part of Fig. 1 and in Fig. 4.

In order to enable the firm attachment of the wire fabric C to the wall in any easy and

substantial manner, I form the projections B with longitudinal holes *b*, for the passage of a wire loop, *c*, to secure the wire fabric in place, as indicated in Fig. 1.

Instead of the wire-loop attachment just described, the wire fabric may be secured in place by headed pins *c'*, driven into a hole, *b'*, arranged at right angles to the hole *b* in the projection B, as shown in Fig. 1.

In some cases the means of attachment for the wire loop *c* may be separate from the projection B and afterward firmly attached thereto, as illustrated, for instance, in Fig. 4, in which the headers E project in pairs, with a space left between them, in which is wedged a cross-piece, *b*², around which is engaged the wire loop *c*, as shown.

The projections B may stand out bodily from the face of the wall, so as to form a deadening-space between the surface of the wall and the body of plastering, as clearly indicated in Figs. 1, 2, and 4; or said projections may be arranged in recesses in the same, with their outer surface flush with that of the wall or tile upon which they are formed, as indicated in Fig. 3. This last construction is, for general uses, to be preferred, as it enables the brick or tile to which my improvement is applied to be made of the usual rectangular or other well-known shape, the edges or walls of the recesses in which such projections are arranged forming protecting corners or projections, to prevent such projections B from being broken off in handling.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A brick wall or partition adapted to be plastered, having projections B integral with the brick or tile composing the same, and adapted to receive the attaching device that secures a wire or other metallic lathing in place, essentially as set forth.

2. As an improved article of manufacture, a brick or tile for plastered walls or partitions, having a projection, B, integral with the body of the brick or tile, and which is formed with a hole or perforation, *b*, for the reception of the attaching-loop of the wire or other lathing, essentially as set forth.

3. As an improved article of manufacture, a brick or tile for plastered walls or partitions,

having a lath-attaching projection, B, in which are formed holes or perforations *b* and *b'*, essentially as and for the purpose set forth.

4. As an improved article of manufacture,
5 a brick or tile for plastered walls or partitions, having a lath-attaching projection, B, arranged within a recess in the face of the brick or tile, essentially as set forth.

5. As an improved article of manufacture,
10 a brick or tile for plastered walls or partitions, having a lath-attaching projection, B, arranged in a recess in the face of the brick or tile, and provided with a hole, *b*, for the reception of

the attaching-loop of the wire or other lathing, essentially as set forth. 15

6. As a means for securing lathing to walls, &c., the combination of the wall A, provided with projection B and hole *b*, the wire lathing C, and the attaching-loop *c*, essentially as and for the purpose set forth. 20

In testimony whereof witness my hand this 29th day of May, 1886.

GEORGE KELLY.

In presence of—

ROBERT BURNS,

GEO. H. ARTHUR.