

(No Model.)

B. SCARLES.
METALLIC LATHING.

No. 349,059.
Fig. 1.

Patented Sept. 14, 1886.
Fig. 2.

Fig. 4

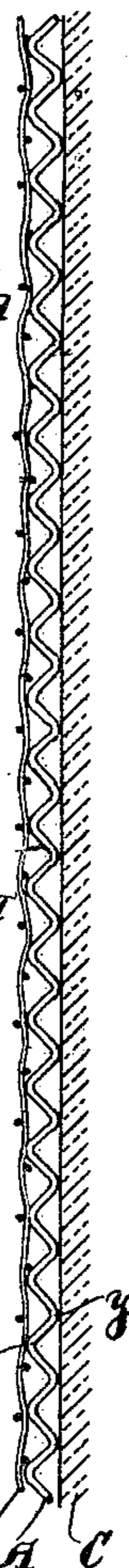
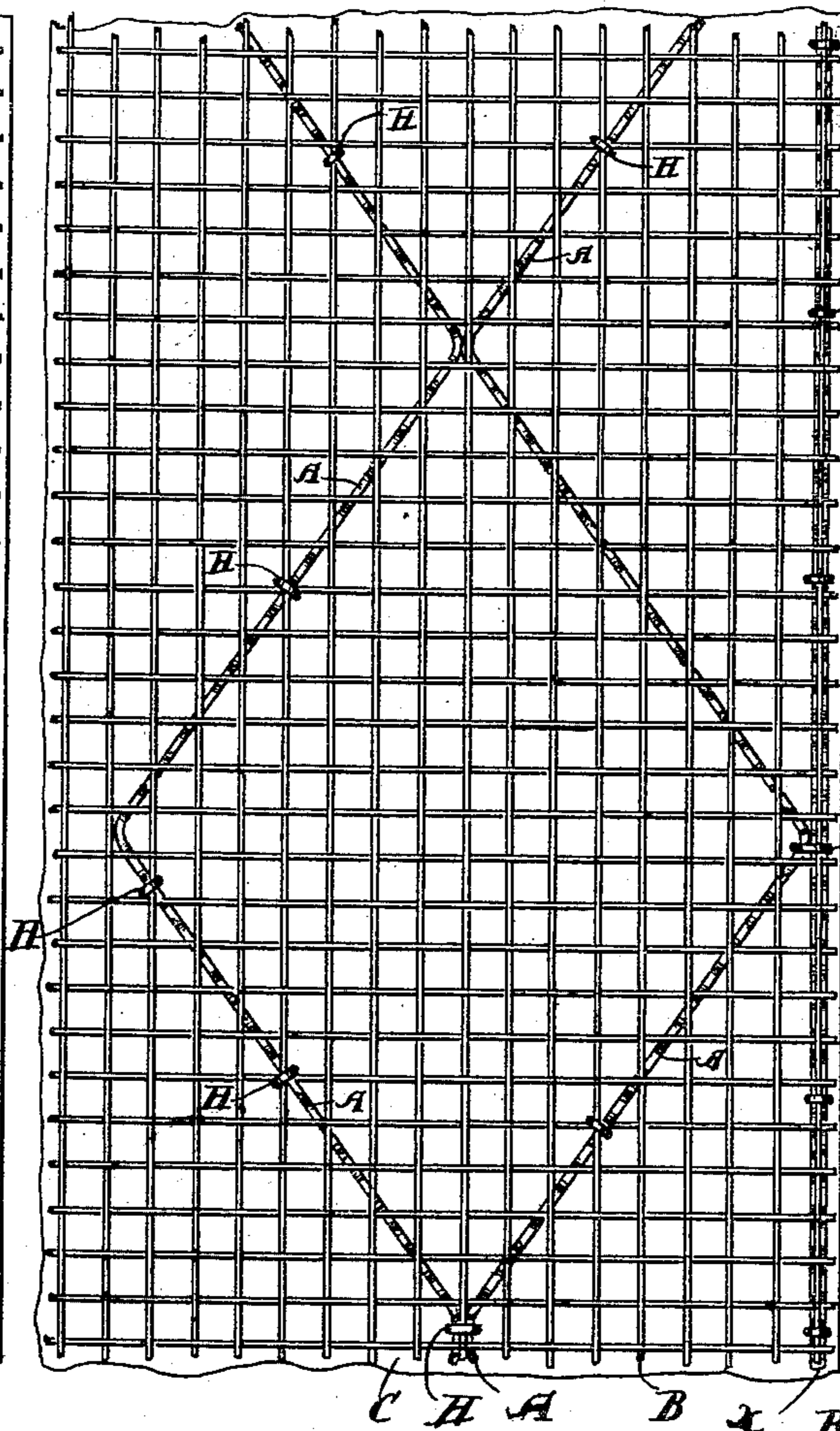
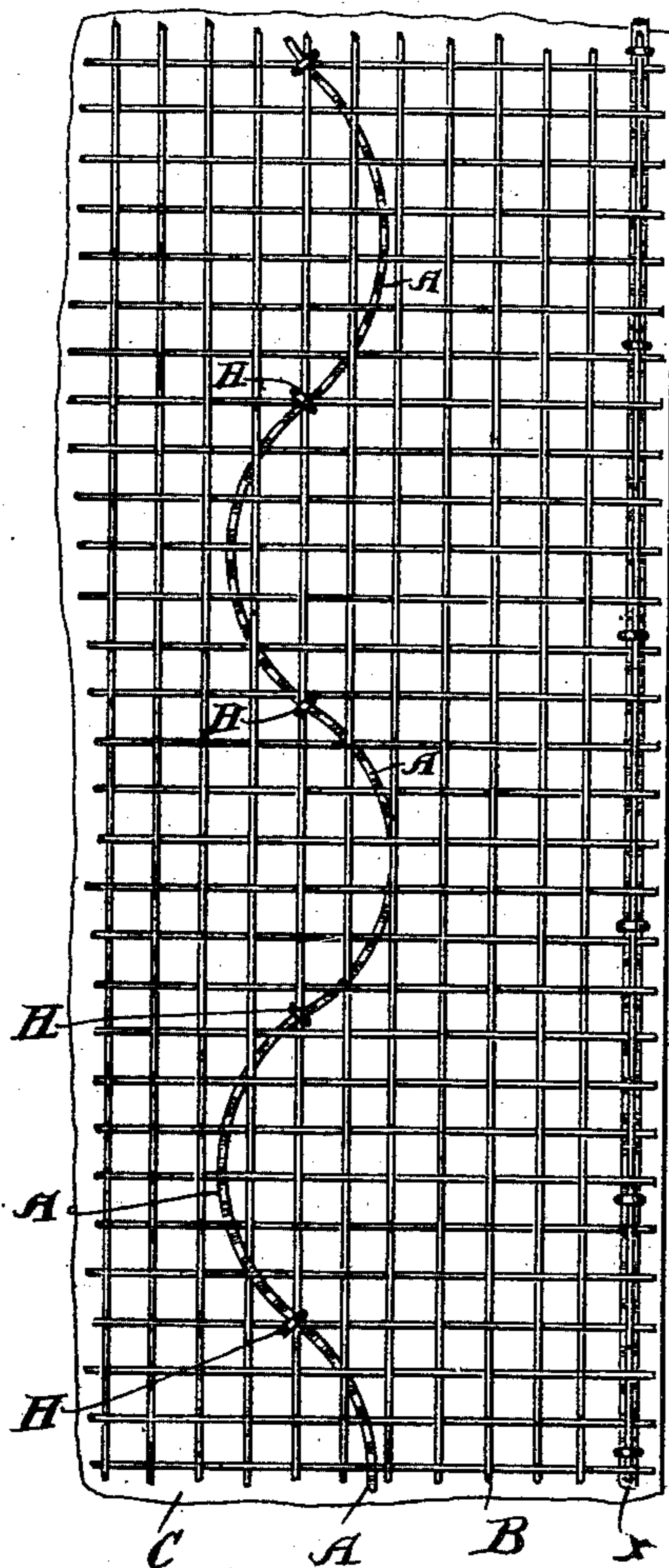
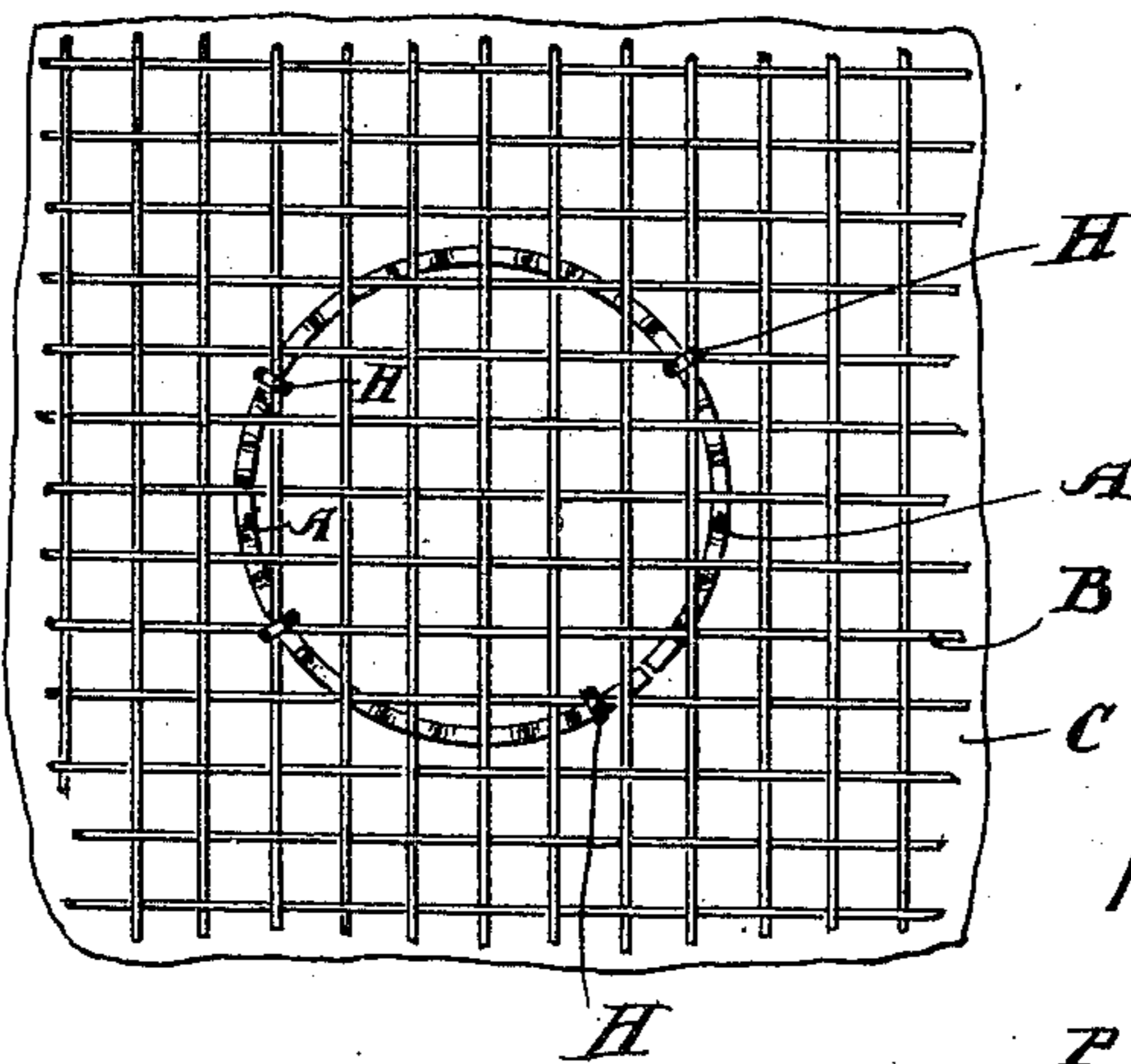


Fig. 3.



Witnesses.

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UNITED STATES PATENT OFFICE.

BENJAMIN SCARLES, OF CLINTON, MASSACHUSETTS, ASSIGNOR TO THE
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METALLIC LATHING.

SPECIFICATION forming part of Letters Patent No. 349,059, dated September 14, 1886.

Application filed July 17, 1886. Serial No. 208,284. (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—

Figures 1, 2, and 3 are top plan views of my improved lathing, showing various methods of arranging the furring; and Fig. 4, a vertical section of the lathing and wall of the room.

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

My invention relates more especially to that class of wire lathing in which the lathing proper is composed of wire-cloth; and it consists in certain novel details of construction, as hereinafter fully set forth, and pointed out in the claims, the object being to produce a cheaper and 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 furring, B the wire-cloth, and C the wall of the room.

The furring is composed of stout wire, which is crimped or corrugated, as shown at *y* in Fig. 4, the corrugations being of such size or sufficiently coarse to prevent the furring from protruding through the meshes of the wire-cloth and to properly support the same. The corrugations may be formed by running the strip of wire through fluted rollers or by stamping it with dies suitable for the purpose.

In applying the furring to the wall or ceiling the strips may be laid straight, as shown at *x* in Figs. 1 and 2, or bent laterally into serpentine shape or circles, or arranged to form squares, lozenge-shaped figures, or any other style that may be deemed convenient and suit-

able, in accordance with the nature of the work or position in which it is employed.

In the use of my improvement the furring is placed against the wall or ceiling in such manner that the corrugations will be in a vertical or upright position or stand at right angles thereto. The wire-cloth is then laid onto the furring and secured thereto by staples H, which are driven into the wall, said staples being respectively arranged in such manner as to embrace the furring and one or more wires of the cloth, thereby attaching the cloth to the furring and the furring to the wall. I do not, however, confine myself to the use of the staples H for securing the lathing B and furring A to the wall C, as any suitable device for that purpose may be employed. Neither do I confine myself to securing the cloth and furring to the wall or ceiling at one operation or by the same staples, as the furring may be applied first and secured by independent staples, if desired, the cloth being subsequently placed on the furring and properly secured, this method being preferable in most instances. Neither do I confine myself to forming curved corrugations in the furring-strips, as they may be angular or of any suitable shape.

It will be obvious that the furring is well adapted for posts, pillars, and irregular work generally, being adapted to be readily bent into any desired form.

Having thus explained my invention, what I claim is—

1. As an improved article of manufacture, a metallic furring-strip consisting of a piece of wire crimped or corrugated, substantially as described.

2. The furring-strip A, provided with the corrugations *y*, in combination with the wire-cloth B and means for attaching the lathing and furring to the wall C, substantially as set forth.

BENJAMIN SCARLES.

Witnesses:

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