

(No Model.)

G. M. WRIGHT.
FURRING FOR METALLIC LATHING.

No. 550,669.

Patented Dec. 3, 1895.

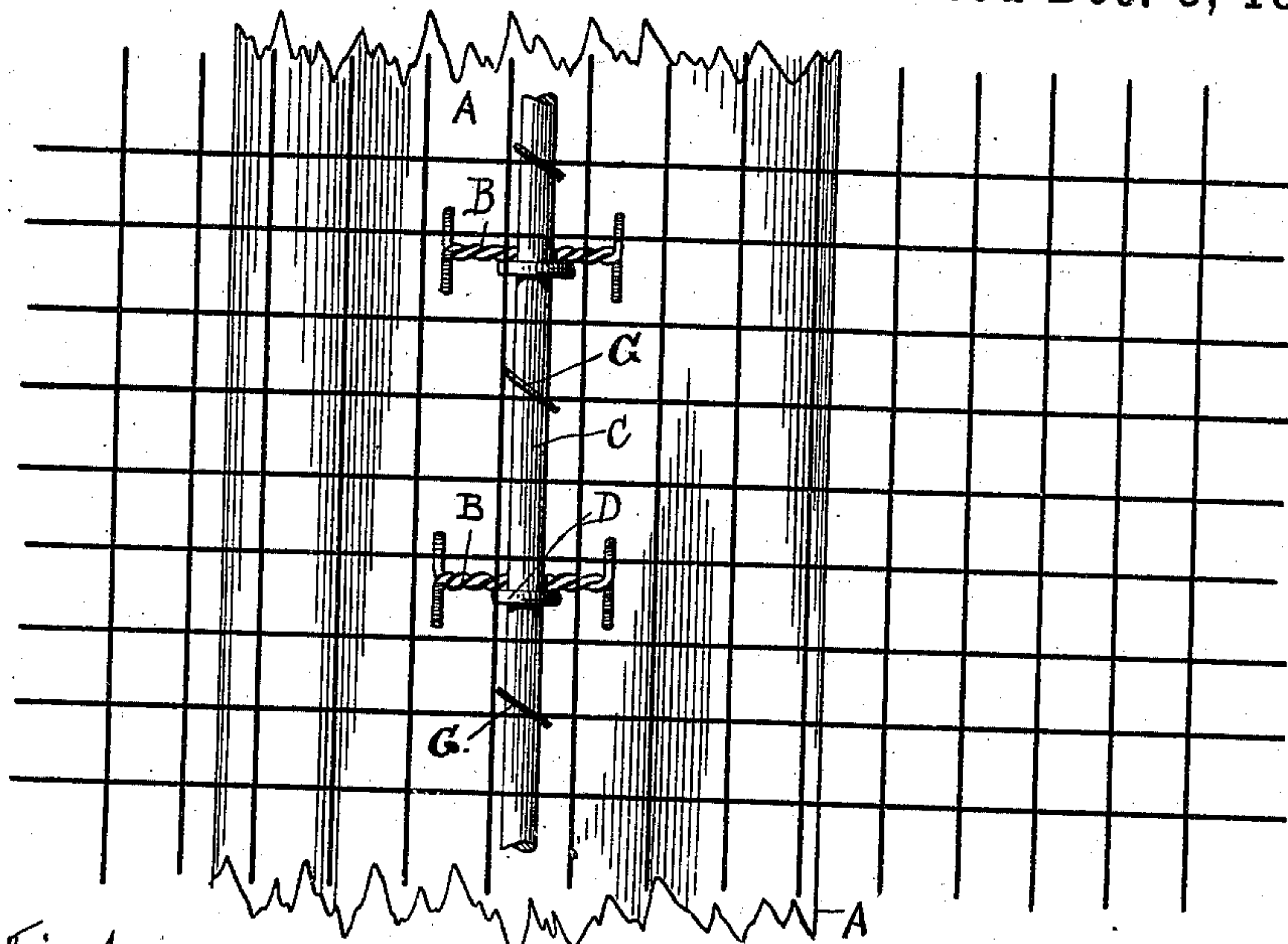


Fig. 1.

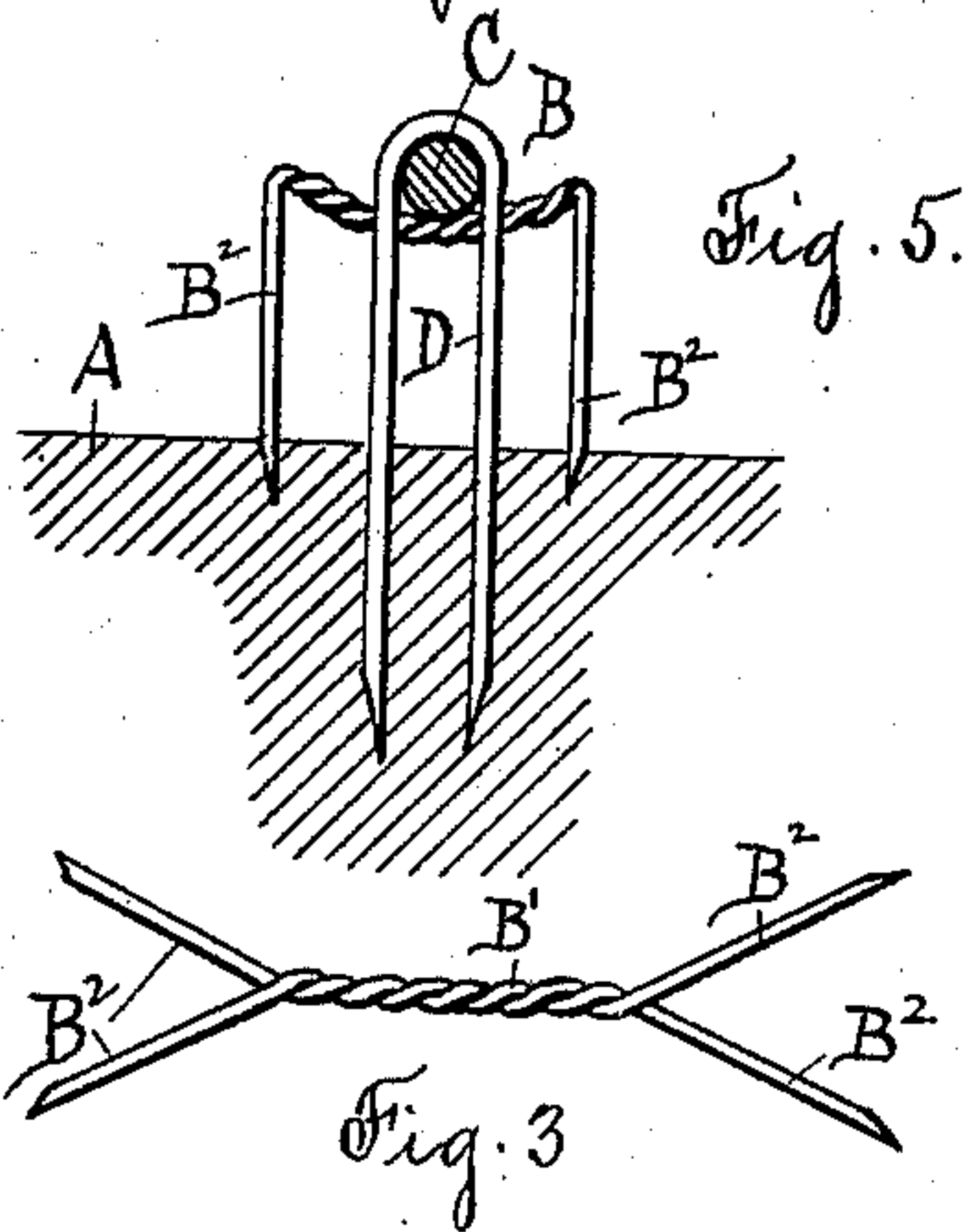


Fig. 2.

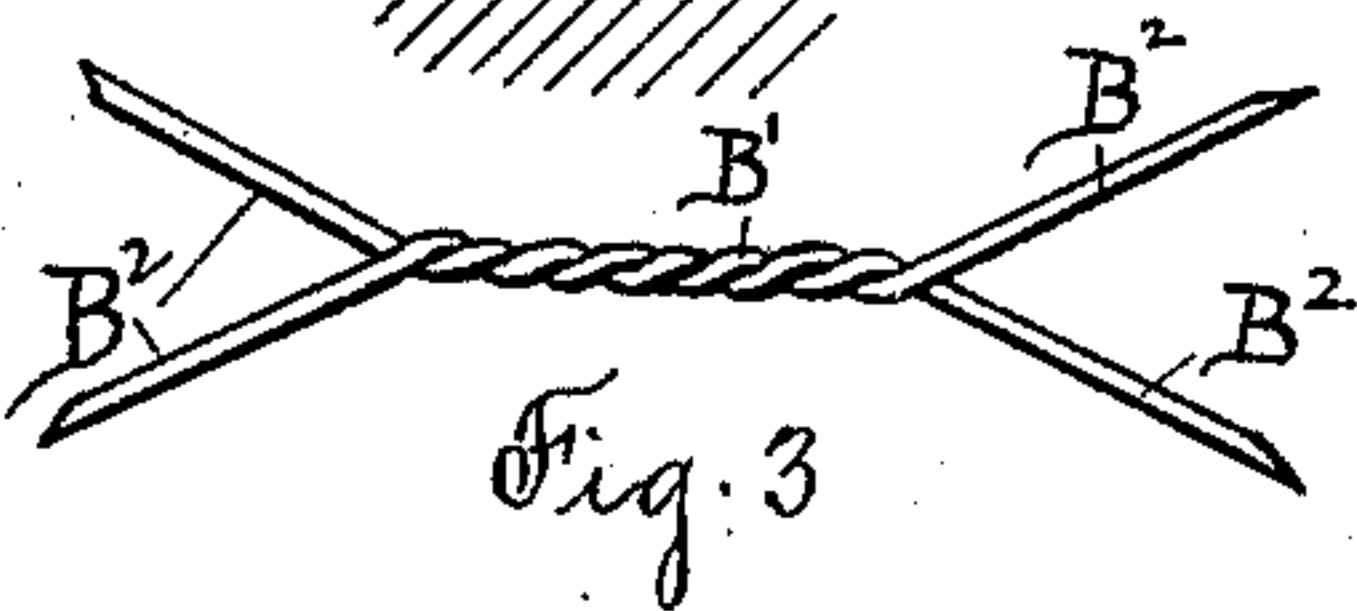


Fig. 3.

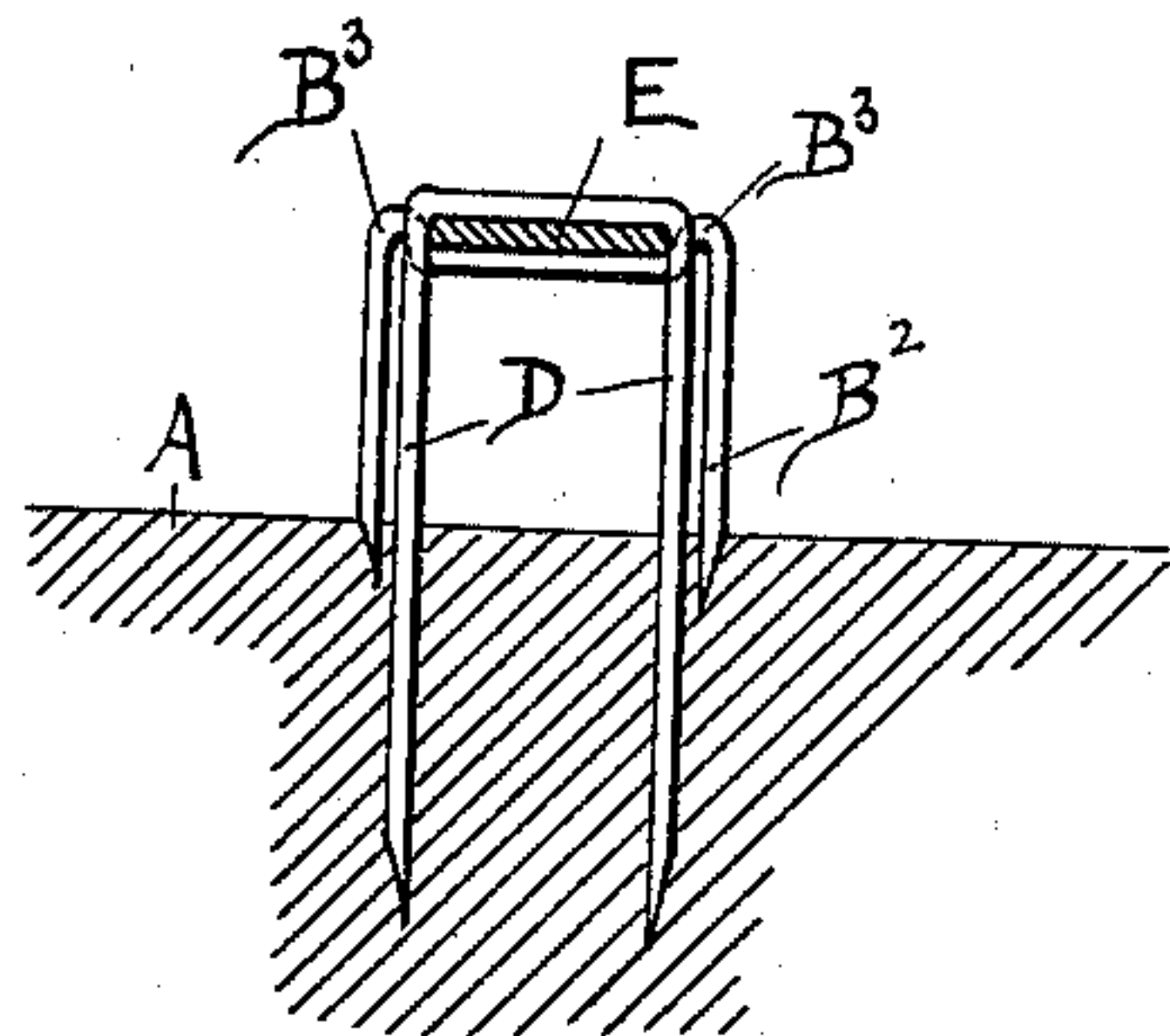


Fig. 4.

Witnesses
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GEORGE M. WRIGHT, OF WORCESTER, MASSACHUSETTS, ASSIGNOR OF ONE-HALF TO THE WRIGHT & COLTON WIRE CLOTH COMPANY, OF SAME PLACE.

FURRING FOR METALLIC LATHING.

SPECIFICATION forming part of Letters Patent No. 550,669, dated December 3, 1895.

Application filed July 23, 1891. Serial No. 400,518. (No model.)

To all whom it may concern:

Be it known that I, GEORGE M. WRIGHT, a citizen of the United States, residing at Worcester, in the county of Worcester and State of Massachusetts, have invented a new and useful Improvement in Furring for Metallic Lathing, of which the following is a specification, reference being had to the accompanying drawings, in which—

Figure 1 represents a section of metallic or wire lathing supported upon furring embodying my invention. Fig. 2 represents one of the staples upon which the metallic lathing is supported. Fig. 3 represents the twisted wires of which the staple is formed, and Fig. 4 represents a modified form of staple. Fig. 5 represents in elevation the supporting and retaining staples with the stiffening-wire and studding in sectional view.

Similar letters refer to like parts in the different figures.

The object of my invention is to provide a support by which metallic lathing is held at the proper distance from the woodwork in order to afford an air-space between the woodwork and the plaster; and it consists in providing a series of staples of such form as will enable them to be firmly supported upon their bases and also to receive a series of stiffening-wires upon which the metallic lathing rests.

Referring to the drawings, A denotes the studding, upon which the furring is placed, and B denotes one of the staples of which the furring is composed. The staple B is made of two wires twisted together at their central section B', with the ends B² of the wires separated and pointed. The wires are then bent into the form of a staple, as shown in Fig. 2, with the crown of the staple made concave to receive the stiffening-wires C. These staples have their pointed ends B² driven a short distance into the studding A, and as the pointed ends B² are separated they form a broad base upon which the staple is firmly supported when the stiffening-wires C are drawn over them. The stiffening-wires C are held in position upon the supporting-staples B by means

of a staple D, inclosing the stiffening-wires and driven into the studding.

The crown of the supporting-staple B, instead of being concave, as shown in Figs. 5 and 2, may have a flat depression in its center with upwardly-projecting corners B³, in order to receive and prevent the lateral displacement of a stiffening-wire consisting of a flat metallic ribbon E, Fig. 4.

A series of supporting-staples B in alignment with each other are driven into the face of the studding A a short distance and a stiffening-wire C is then drawn over the row of supporting-staples and fastened at its ends. The retaining-staples D are then driven from the stiffening-wires C, beside each of the supporting-staples B, drawing the stiffening-wires firmly against the crown of the supporting-staples, the strain of the retaining-staples D being received by the supporting-staples B within the bases formed by the separated prongs B², thereby causing the supporting-staples B to stand firmly upon their bases and prevent their being tipped over in any direction by the strain upon the stiffening-wires C. The metallic lathing F is then laid over the stiffening-wires and held thereon by retaining-staples G.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. The combination with metallic lathing, of a series of supporting staples, said staples consisting of wires twisted at their central section, forming the crown of the staple and having the wires separated to form the legs of the staple, substantially as described.

2. The within described staple forming a furring for metallic lathing and consisting of a pair of wires twisted at their central section and bent into a recessed crown to receive the stiffening wires, said twisted wires being separated at their ends to form the legs of the staple, substantially as described.

3. The combination with metallic lathing, of supporting staples consisting of a pair of wires twisted at their central section and bent into a recessed crown to receive the stiffen-

ing wires and being separated at their ends
to form the legs of the staple, stiffening wires
resting upon said staples and retaining sta-
ples inclosing said stiffening wires and driven
5 into the wood-work at the side of the crown
section of said supporting staples and within
the base formed by the legs of said support-
ing staples, substantially as described.

Dated at Worcester, in the county of Worces-
ter and State of Massachusetts, this 20th day 10
of July, 1891.

GEORGE M. WRIGHT.

Witnesses:

RUFUS B. FOWLER,
CHARLES F. SCHMELZ.