

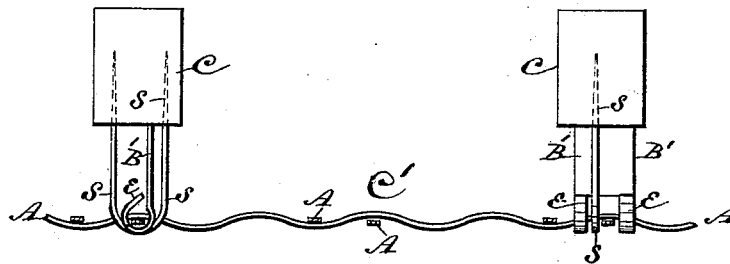
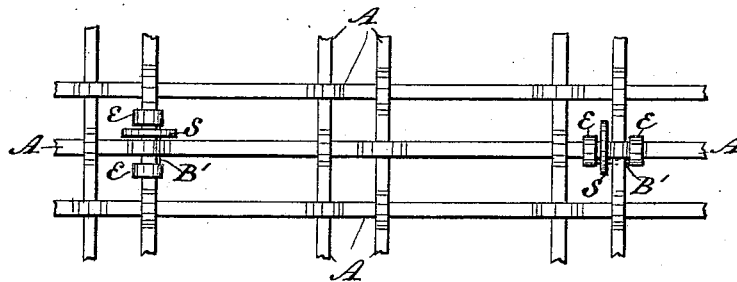
(No Model.)

T. B. COCKBURN.  
LATHING.

No. 419,416.

Patented Jan. 14, 1890.

*Fig. 1.*



*Fig. 2.*

*Witnesses.*

*Atfred Young*  
*A. M. Cameron*

*Inventor.*

*Thomas B. Cockburn*  
*per his Attorney*  
*John Hendry.*

# UNITED STATES PATENT OFFICE.

THOMAS B. COCKBURN, OF HAMILTON, ONTARIO, CANADA.

## LATHING.

SPECIFICATION forming part of Letters Patent No. 419,416, dated January 14, 1890.

Application filed September 29, 1888. Serial No. 286,717. (No model.)

*To all whom it may concern:*

Be it known that I, THOMAS B. COCKBURN, a citizen of Canada, residing at Hamilton, in the county of Wentworth, in the Province of Ontario, Canada, have invented a new and useful Lathing for Walls and Ceilings of Buildings, of which the following is a specification.

My invention relates to improvements in wire lathing in which flat wire is woven so as to form square and oblong spaces or mesh, or a combination of either, for the purpose of providing a durable and fire-proof lathing.

The objects of my improvements are, first, to provide a continuously-flat wire-cloth for lathing which presents a flat surface to receive the plaster, thus securing a key formed by the plaster turning over the back edges of lath; and, second, to provide flat wire-cloth for lathing with attachable feet or projections to act as furring, thus forming an air space or chamber between wall and lathing and conforming to any angle of the building. I attain these objects in the device illustrated in the accompanying drawings, in which—

Figure 1 is a face view of the lathing having attachable feet and fastened in position by staples. Fig. 2 is a sectional elevation of lathing through the line of staples, showing position of lathing to ceiling or wall.

Similar letters refer to similar parts throughout both views.

In the drawings, A is the flat wire woven so as to form square and oblong spaces or mesh to suit the purposes of lathing to receive the plaster against the face thereof.

B' are the projections or feet, of any number or distance apart and fastened to the cloth and held in position by the staples S, offering a ready means of attaching it to any part of a building, thereby dispensing with furring, yet giving the desired continuous air space or chamber C' between the studding C of wall and woven lathing A, this air-space being a preventive and guard of heat to the wood-work c in case of fire. The attachable foot B' has hooks e to clip the lathing at any point of the cloth at right angles to the line of web or longitudinally to the web, as is preferred. The feet are of sheet metal and the two hooks are bent in the same direction. The staples S fasten the lathing to the wall and also hold the attachable feet in position

against the studding of wall or ceiling, as shown, in which the hooks e hook to or clip the lathing at any desirable point either longitudinally or crosswise and held in position by the staples, which are shown in two positions. These staples are also shown driven into the wood-work c, the feet B' preventing the lathing from being too close to the wall.

The construction of the feet with the two closed hooks e, which hook to the wire-cloth, prevents the same from falling out when folding the cloth for carrying purposes, the said feet being flat on the cloth in this case, and the reason for two is that the hooks may engage a wire—one hook on one side and the other hook on the other side of a cross-wire; also, that the staples may engage a wire between the hooks, so that the staple and foot may strengthen one another; also, that a convenient web may be left between the two to seem as a stop to keep the lath from the wall, and thus insure the air-space. When the wire-cloth is woven, the feet may then be attached and the cloth rolled into rolls, thus constituting a ready-made fire-proof lathing without furring of any description, as set forth.

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

1. A flat wire woven cloth A, for lathing, woven to form square and oblong mesh, as shown, and an attachable sheet-metal foot B', having two hooks e, to hook to the cloth, bent in the same direction, and an integral intermediate web to keep the cloth from the wall, and the staples S, to fasten the cloth and hold the foot in position, all formed, arranged, and combined substantially as described and set forth.

2. Woven wire-cloth for lathing provided with feet B', of sheet metal, each having two hooks bent in the same direction and engaging the cloth on opposite side of a cross-wire, and having also an integral intermediate web to hold the cloth away from the wall, and with staples to fasten the cloth to the wall, all substantially as described.

THOMAS B. COCKBURN.

Witnesses:

ALFRED YOUNG,  
A. MCPHERSON.