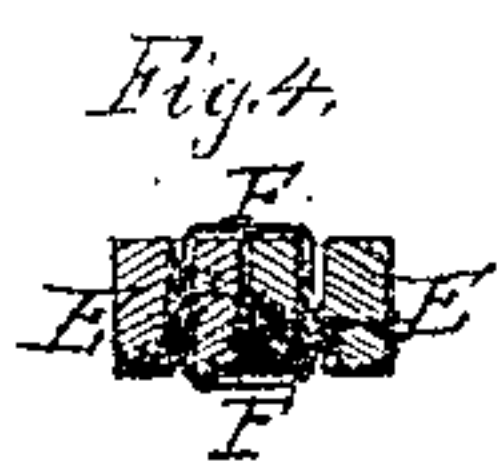
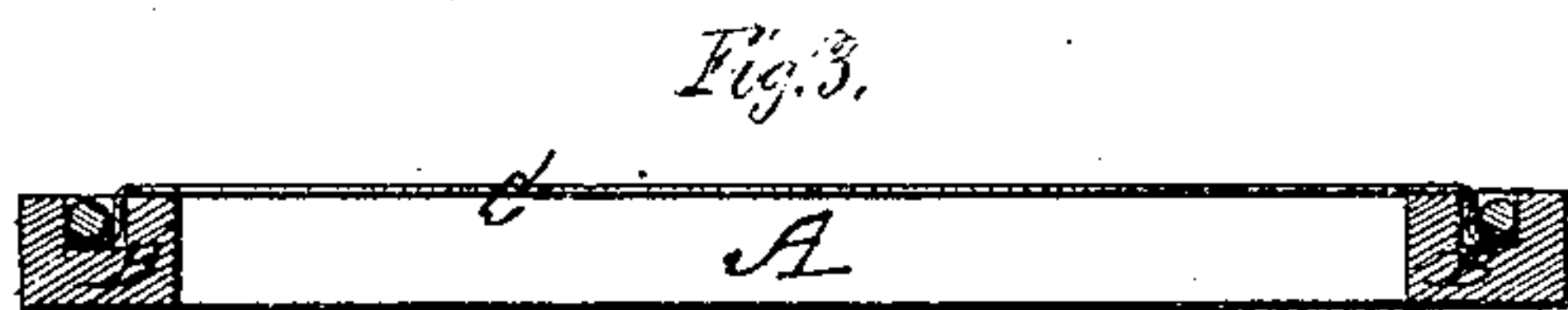
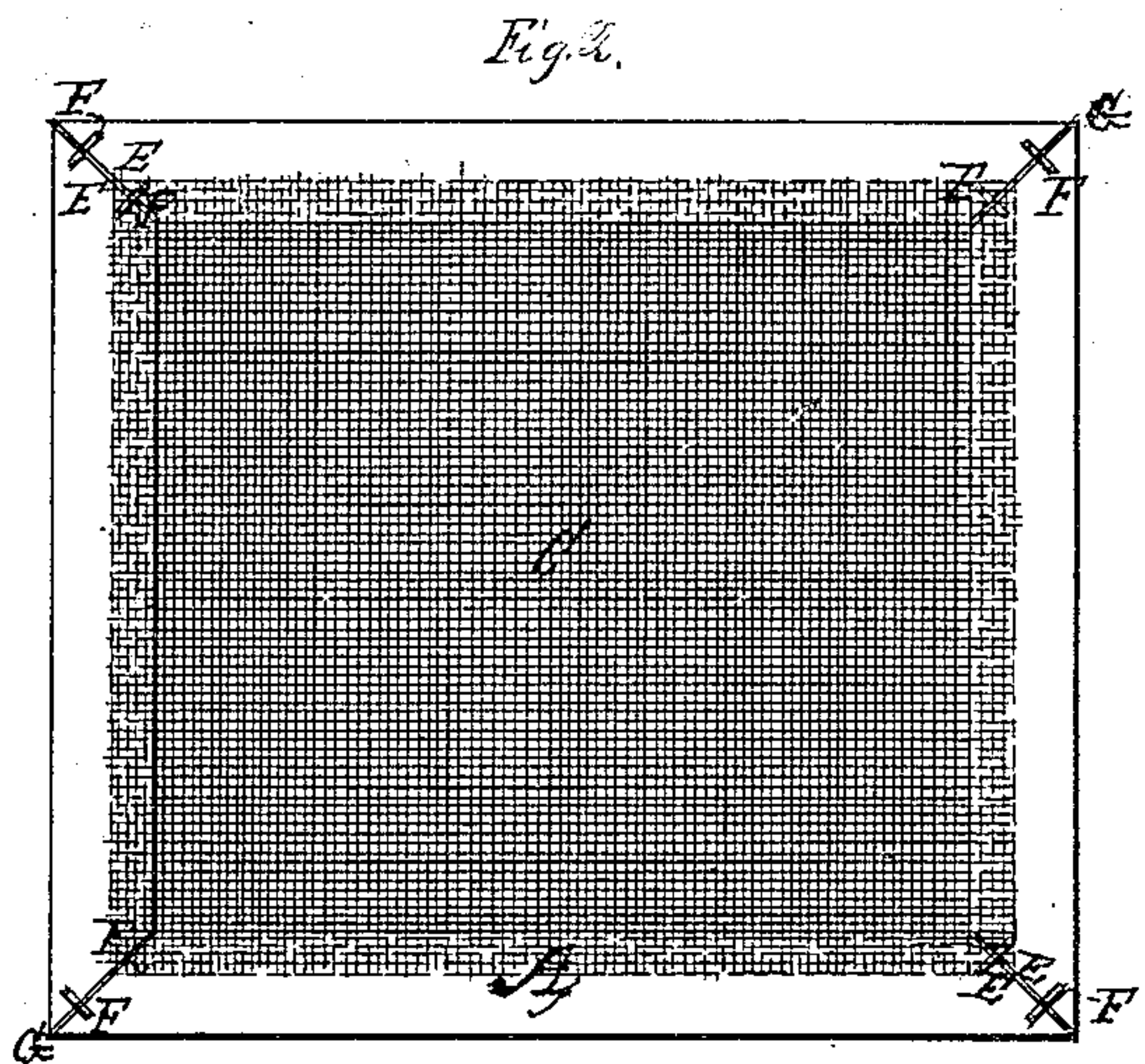
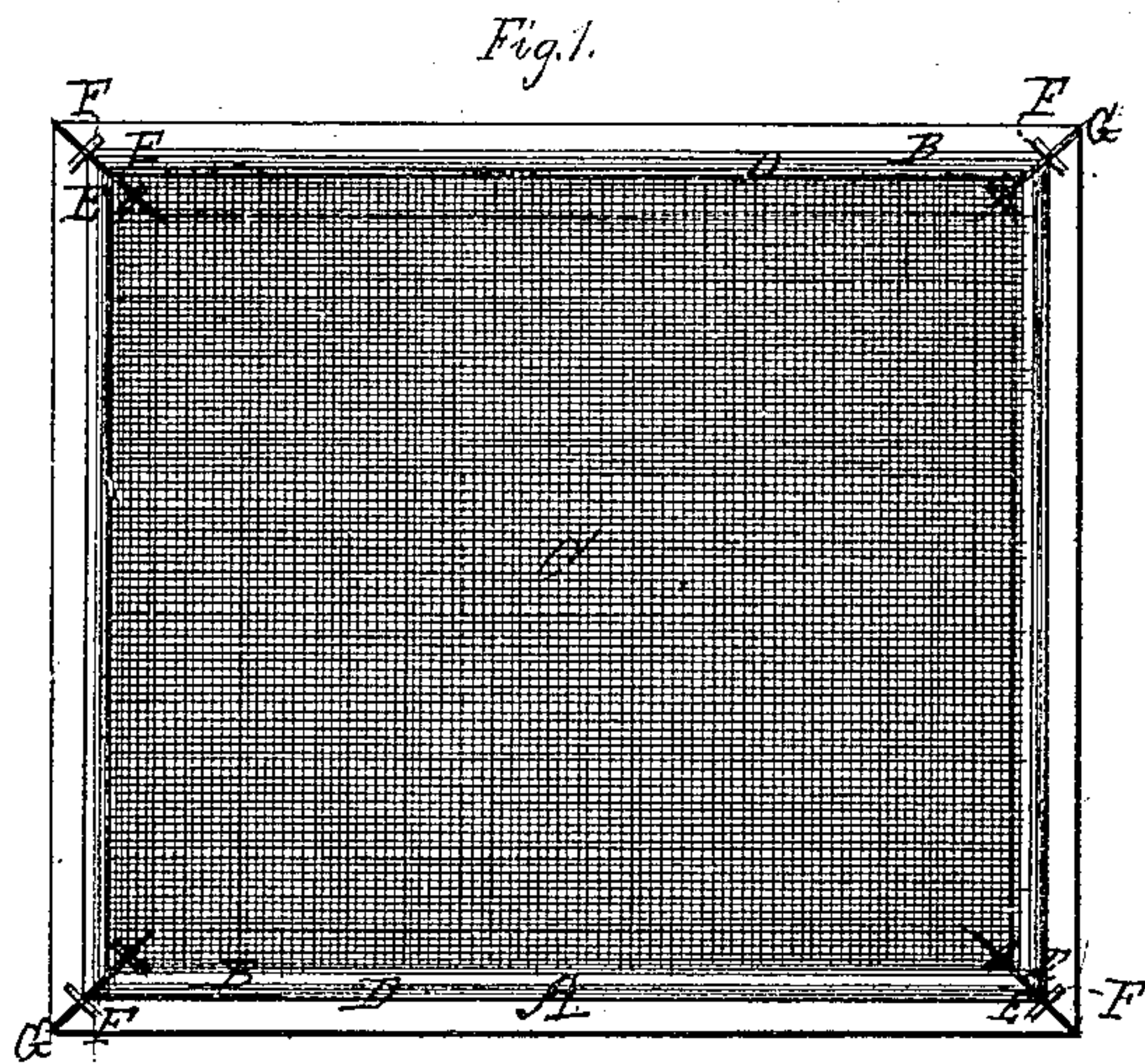


W. W. WOOLEY.
MOSQUITO SCREEN FRAME.

No. 104,809.

Patented June 28, 1870.



Witnesses:
Arthur Chase
Hatten Brewer

Inventor:
Walter M. Wooley

United States Patent Office.

WALTER W. WOOLEY, OF NEW YORK, N. Y.

Letters Patent No. 104,809, dated June 28, 1870.

IMPROVED MOSQUITO-SCREEN FRAME.

The Schedule referred to in these Letters Patent and making part of the same

I, WALTER W. WOOLEY, of the city, county, and State of New York, have invented certain Improvements in Mosquito-Screens, of which the following is a specification.

The nature of my invention consists in the construction of a cheap, simple, and efficient frame-work, for reception of a wire, cotton, linen, or other net-work, so that, when the fabric is placed in the frame, and the frame placed in the door or window-frame of a house, it will allow the air to pass through for ventilation, but will exclude mosquitoes and other troublesome insects from the house.

For this mosquito-net frame I take a piece of square scantling, and sink a groove on the face, for reception of the netting and tongue or stay-rod. I next cut the piece up into the desired lengths, mitering the ends, and I connect the mitered ends by one or more metallic staples, by which means I produce a simple, cheap, and efficient frame for reception of the mosquito-net, as I will further explain by reference to the accompanying drawing, in which—

Figure 1 represents the face of the frame, showing the netting and stay-rod in place, and the miter-joints secured by the metallic staples;

Figure 2, a view of opposite side of frame;

Figure 3, a transverse section of frame; and

Figure 4, a section through one of the miter-joints and staples.

In the said drawing—

A indicates the mosquito-net frame, having a groove, B, on its face, for reception of the net C and tongue or stay-rods D.

E E, &c., are the plain miters, braced and held together by the metallic staples F F, and forming the miter-joints G of the frame.

I am aware that it is not new to connect the sides of a mosquito-frame by tenon and mortise, by screws and metallic angle-brackets, which construction is considered objectionable because of its expense, and the desire for a more simple and cheap contrivance suggested to me the mosquito-net frame, composed of plain miters, connected by metallic staples, forming a good miter-joint and a cheap, substantial frame, as set forth.

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

The frame A, composed of the sides, grooved to receive the net or material C, and the tongues or stay-rods D D, and united by the miter-joints G G, fastened with the staples F F, substantially as herein specified.

In testimony whereof I have hereunto set my signature this 14th day of May, 1870.

WALTER W. WOOLEY.

Witnesses:

ARTHUR NEILL,
WALTER BREWER.