

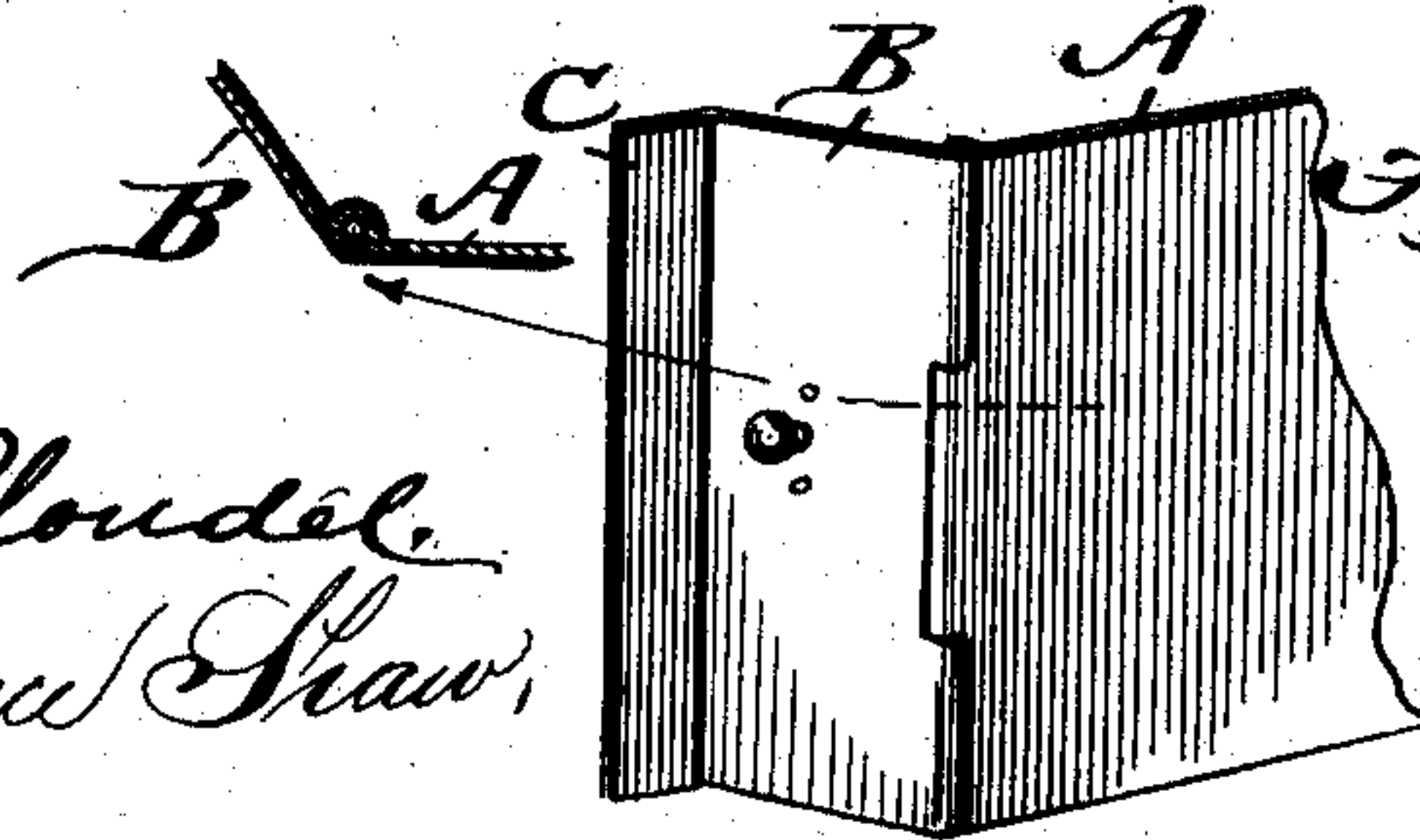
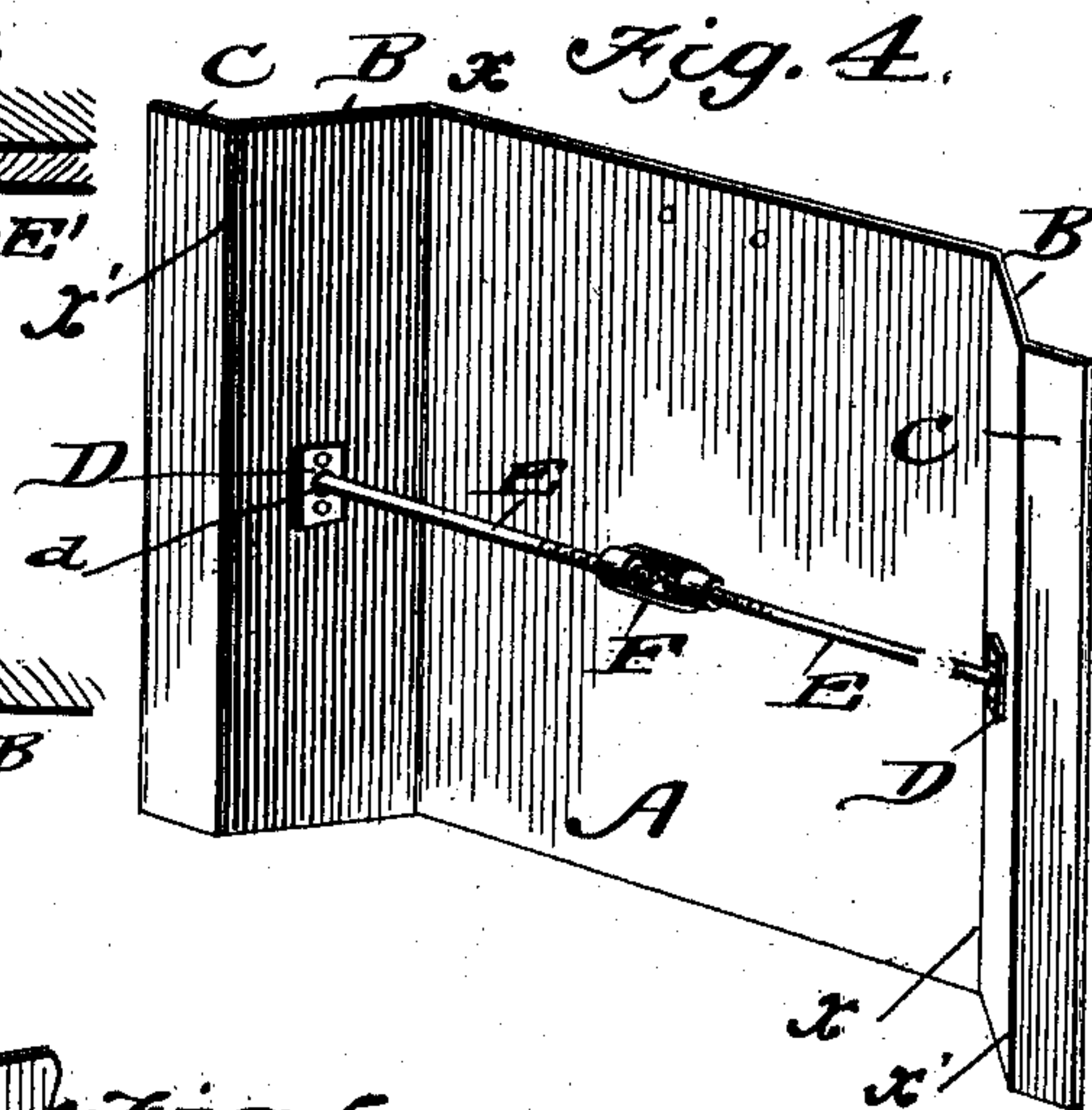
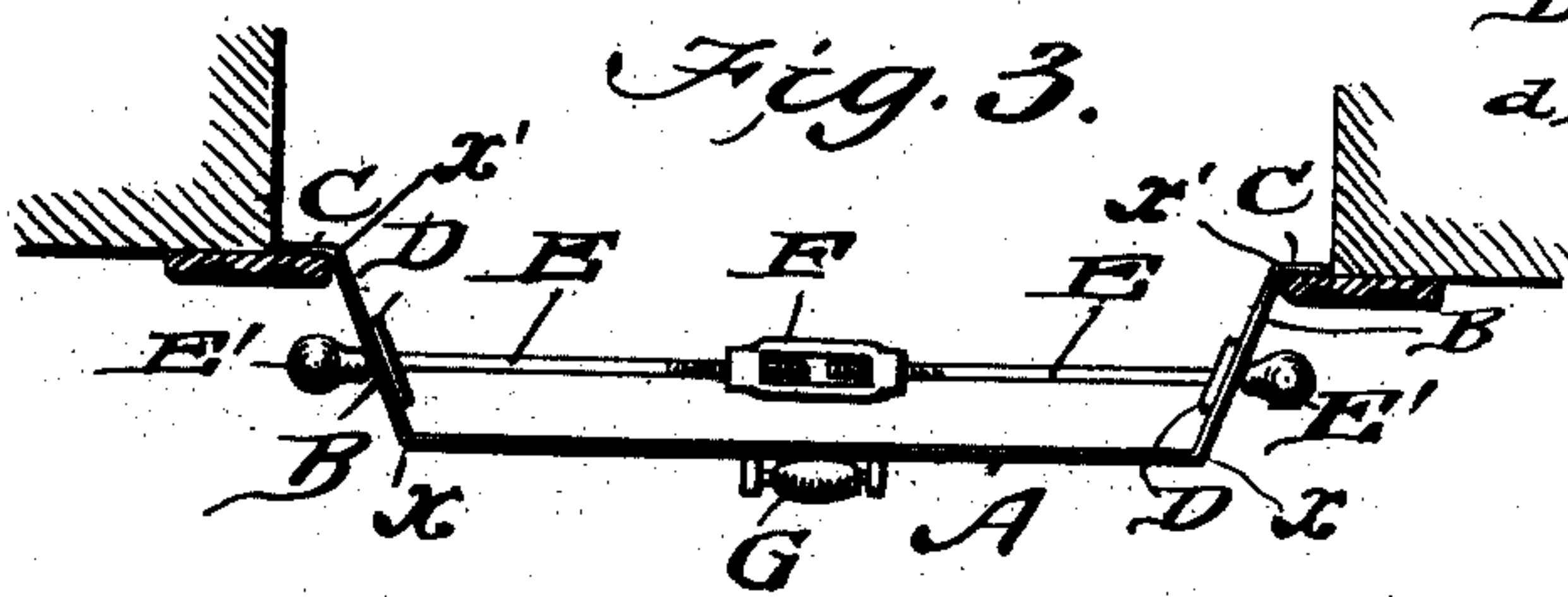
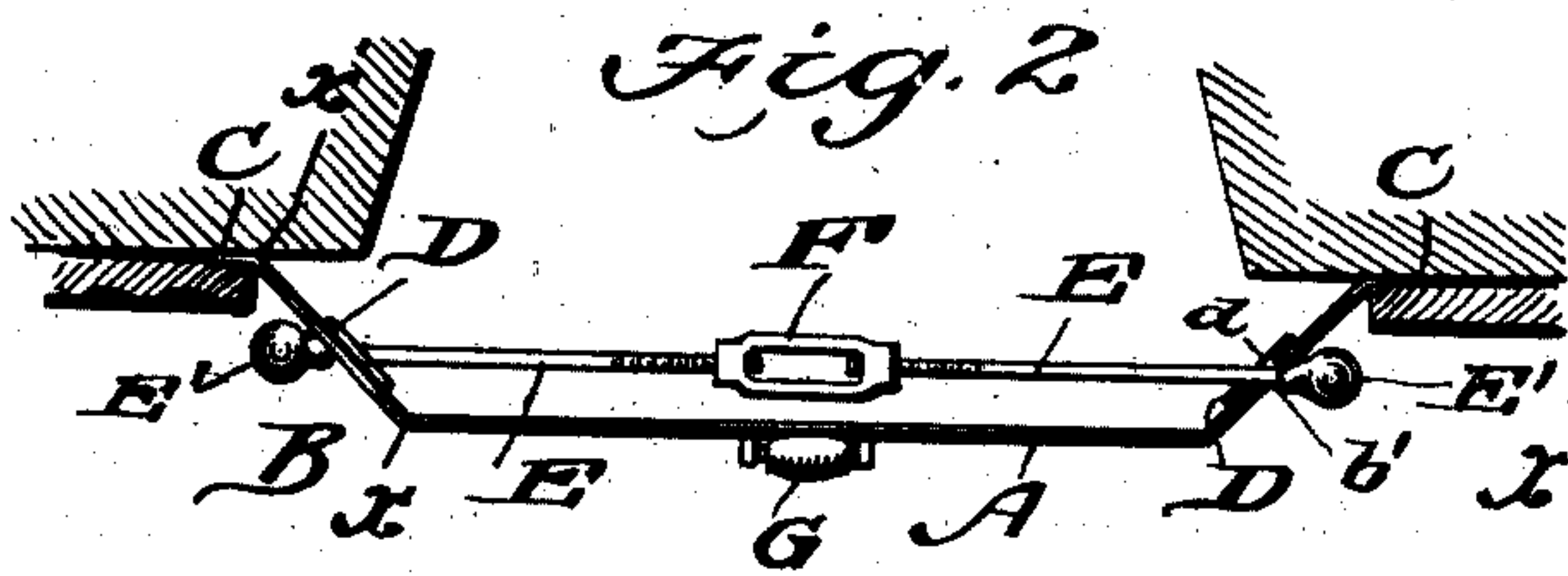
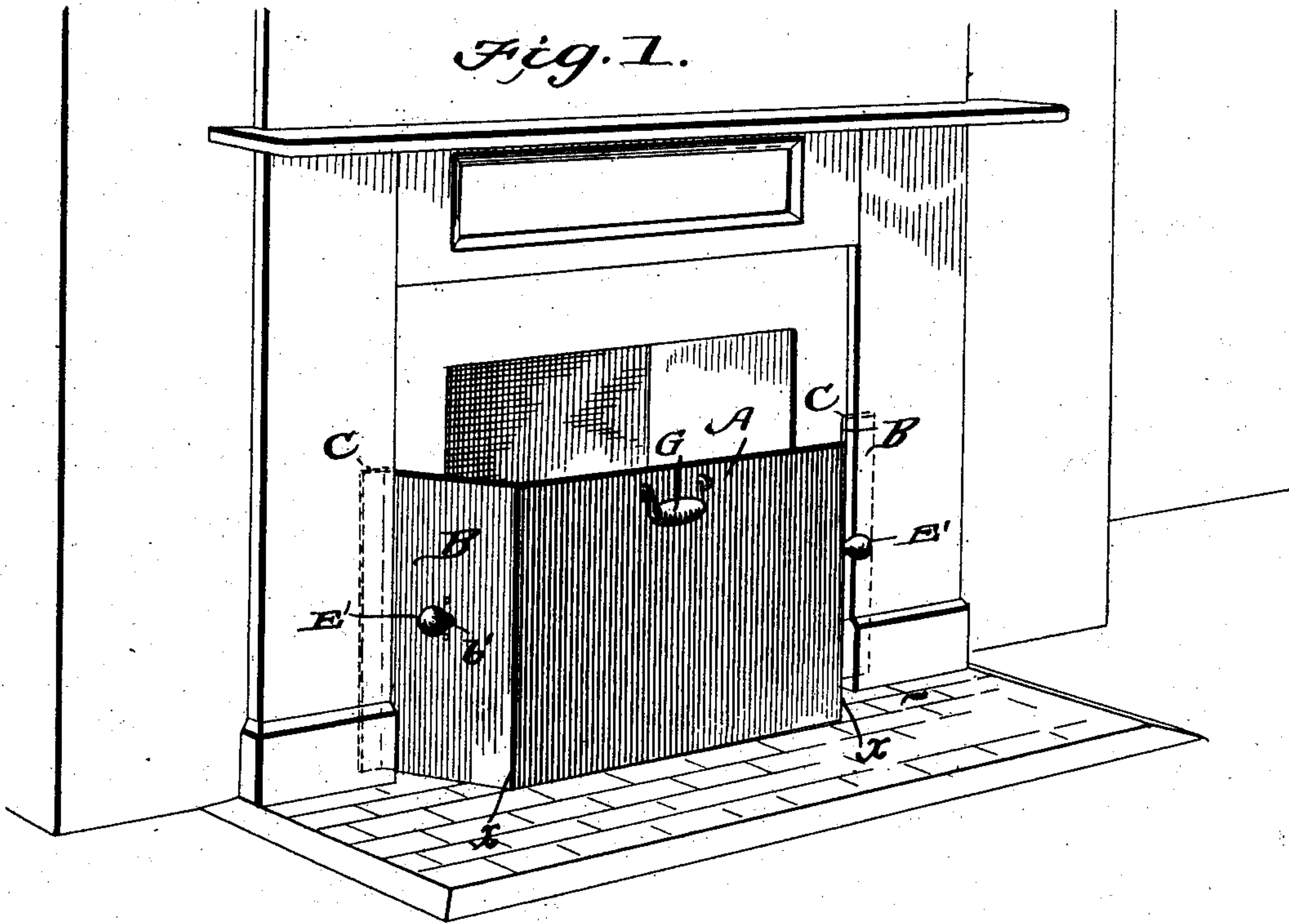
No. 706,596.

Patented Aug. 12, 1902.

C. POYNER.  
FIRE SCREEN.

(Application filed June 1, 1901.)

(No Model.)



Witnesses  
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# UNITED STATES PATENT OFFICE.

CLAUD POYNER, OF MARTIN, TENNESSEE.

## FIRE-SCREEN.

SPECIFICATION forming part of Letters Patent No. 706,596, dated August 12, 1902.

Application filed June 1, 1901. Serial No. 62,737. (No model.)

*To all whom it may concern:*

Be it known that I, CLAUD POYNER, a citizen of the United States, residing at Martin, in the county of Weakley and State of Tennessee, have invented a new and useful Fire-Screen, of which the following is a specification.

My invention is an improvement in fire-screens, and has for its object to provide a screen having its edges so arranged that they may be inserted back of the opening or mantel of the fireplace, thus insuring against any possible danger of the screen falling after it has been adjusted in place.

A further object of my invention is to make the edges adjustable to accommodate the screen to fireplaces of various widths and also to provide a locking device whereby the edges are securely held in their adjusted position.

With these objects in view my invention consists in the peculiar arrangements and combinations of parts, as will be fully described in the following specification and pointed out in the claim, reference being had to the accompanying drawings, in which—

Figure 1 is a view showing the practical application of my screen. Fig. 2 is a plan view of the screen, showing it in connection with a mantel. Fig. 3 is a similar view showing it in connection with the edge of the grate-frame. Fig. 4 is a perspective view of the reverse side of the screen; and Fig. 5 is a detail view of one corner of the screen, showing a hinged connection between the front and side portions.

In practice I prefer to make the screen of sheet metal and to form the front portion A thereof with rearwardly-extending sides B, which are preferably bent at X and arranged at an angle to the front portion and having their ends terminating in angular sections C, which are bent at X' and arranged in the same plane as the front of the screen. Upon the inner surfaces of the sides B are securely bolted plates D, having apertures *d*, that register with apertures *b'*, arranged in the sides B of the screen, and through these apertures bolts or rods E are passed, the free or inner ends thereof being threaded and adapted to work in threaded apertures formed in a turnbuckle F, by means of which the sides of the screen

may be inwardly adjusted and held in such contracted position while the screen is being put into or taken out of position. The outer ends of the rods are provided with knobs E', by which the rods are operated, as will be readily understood.

Upon the front portion of the screen, near the top thereof, I secure a bail-handle G, by which the screen may be lifted and carried from place to place or held while it is being adjusted.

When it is desired to adjust the screen to a fireplace, the ends are inserted between the mantel and wall or behind the edge of the ornamental facing or grate-front that surrounds the fireplace. It will thus be manifest that the operation is exceedingly simple and requires but a short time for adjustment. When it is desired to remove the screen, the rods are turned so as to draw the sides inwardly, disengaging the ends from the mantel or grate-frame, and the screen may be removed.

From the foregoing it will be seen that I provide a screen that may be applied to fireplaces of various widths, which avoids the necessity of making the screen of certain dimensions to fit fireplaces of a corresponding size.

In practice I may form the front of the screen with an ornamental design; but this, however, will be governed by the price of the article.

I may add that the entire body portion of the screen is made of one piece of sheet metal, the sides and ends being bent to form the design described; but I reserve the right to hinge the sides to the body, as shown in Fig. 5 of the drawings, should it be found desirable to do so.

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

A fire-screen formed of a single piece of sheet metal and comprising a body portion A bent at X to form the sides B, the free ends of the said sides being bent at X' to form lateral extensions parallel to but in the rear of the plane of the body portion of the screen, the said sides B, having apertures arranged therein, reinforcing-plates D, having apertures

registering with the apertures in the said sides, rods projecting through the apertures and having their inner ends threaded, a turn-buckle engaging the threaded ends of the rods, 5 handle portions formed upon the outer ends of the rods and adapted to bear against the said sides of the screen, and a bail-handle secured to the body portion of the screen, all arranged substantially as and for the purpose set forth.

CLAUD POYNER.

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