

(No Model.)

H. G. DAWSON.
FIREPLACE FRAME.

No. 500,687.

Patented July 4, 1893.

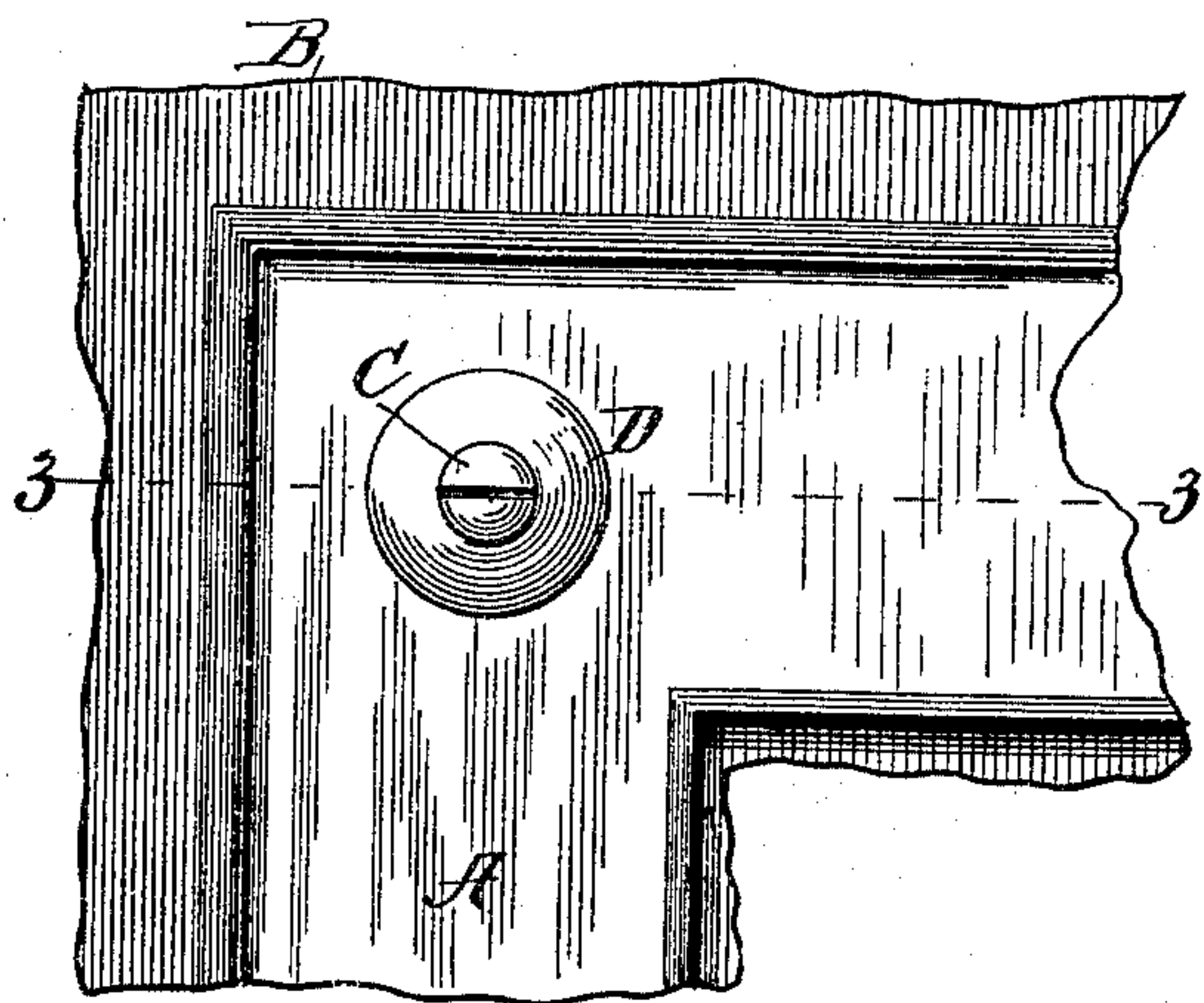


Fig 1

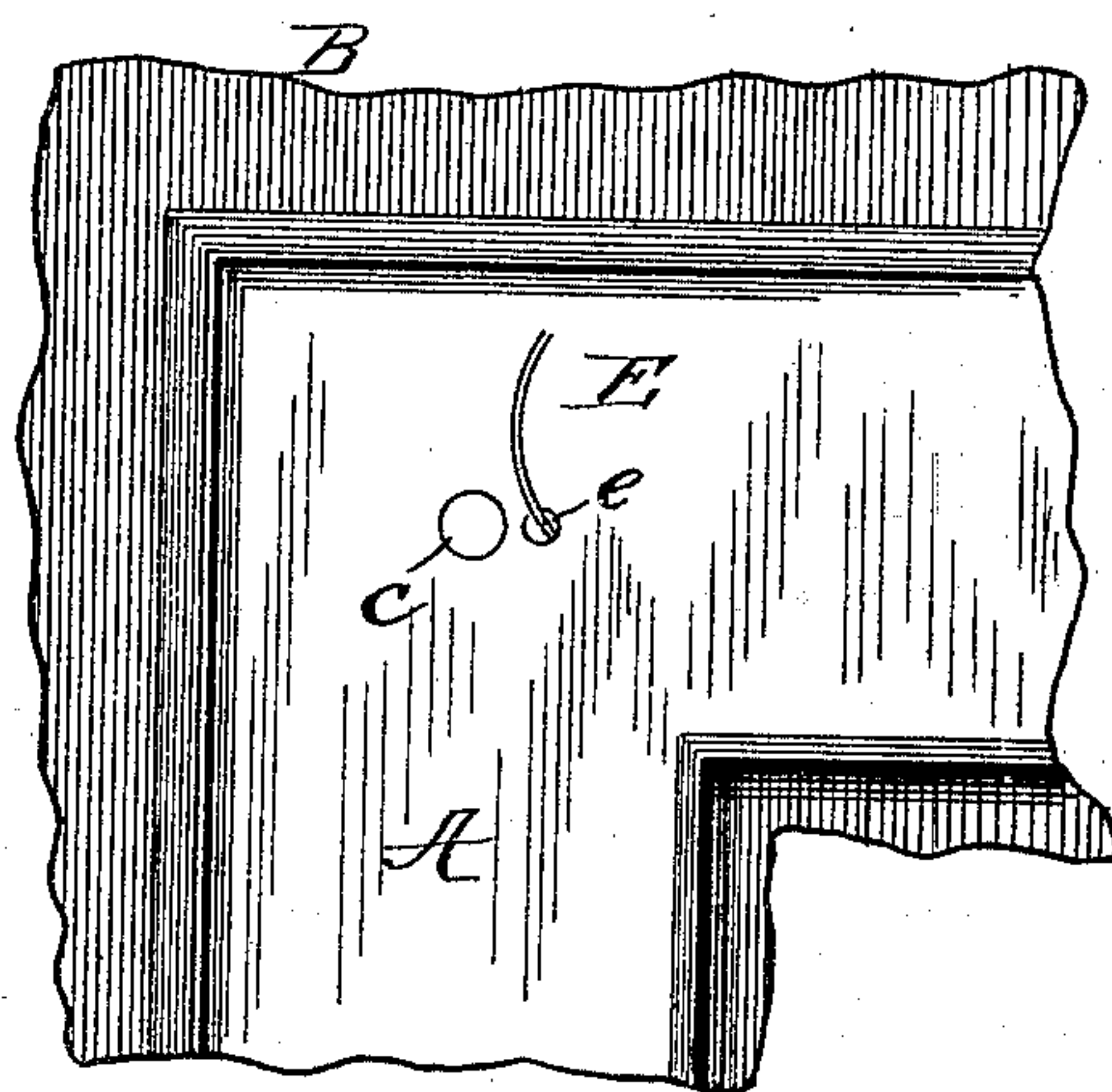


Fig 2

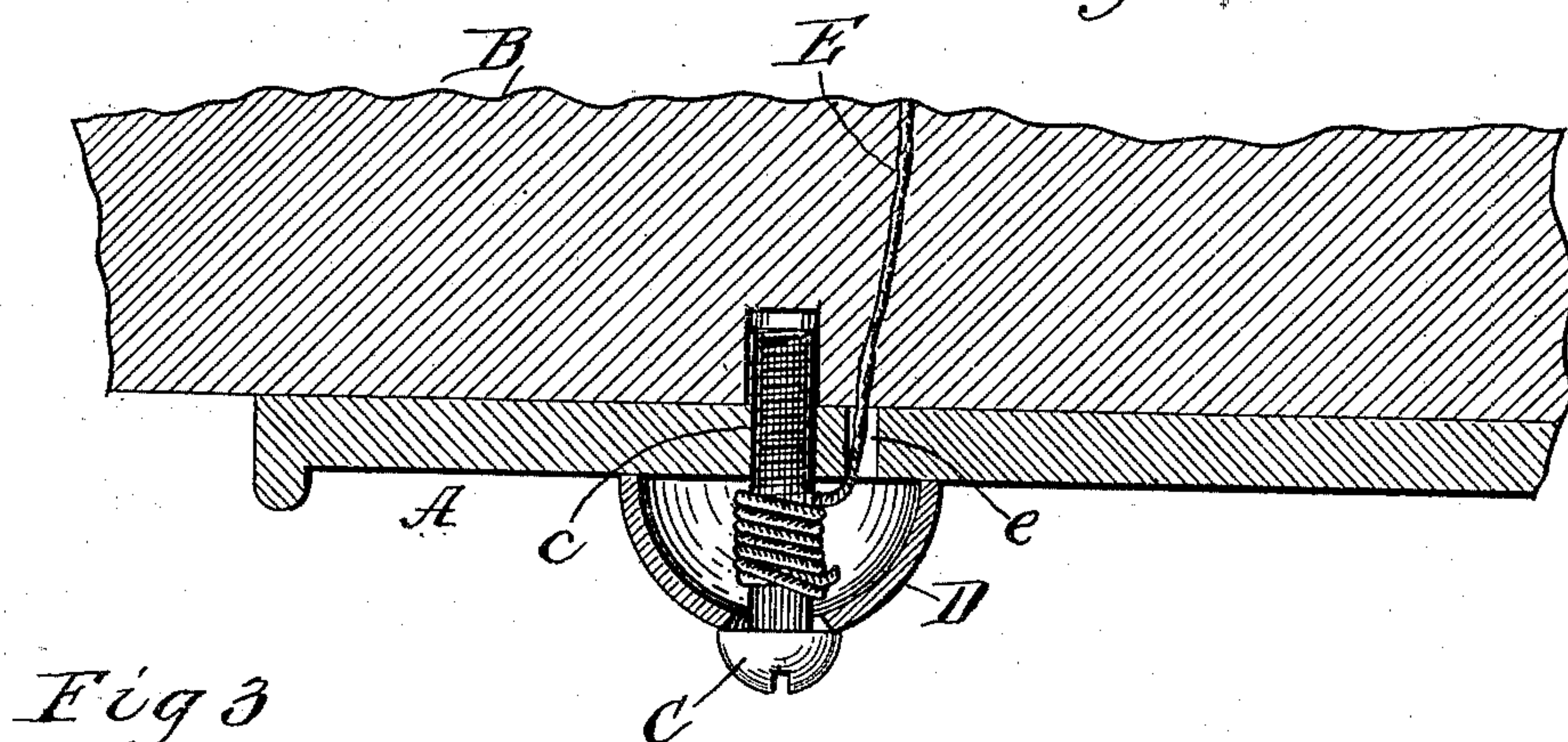


Fig 3

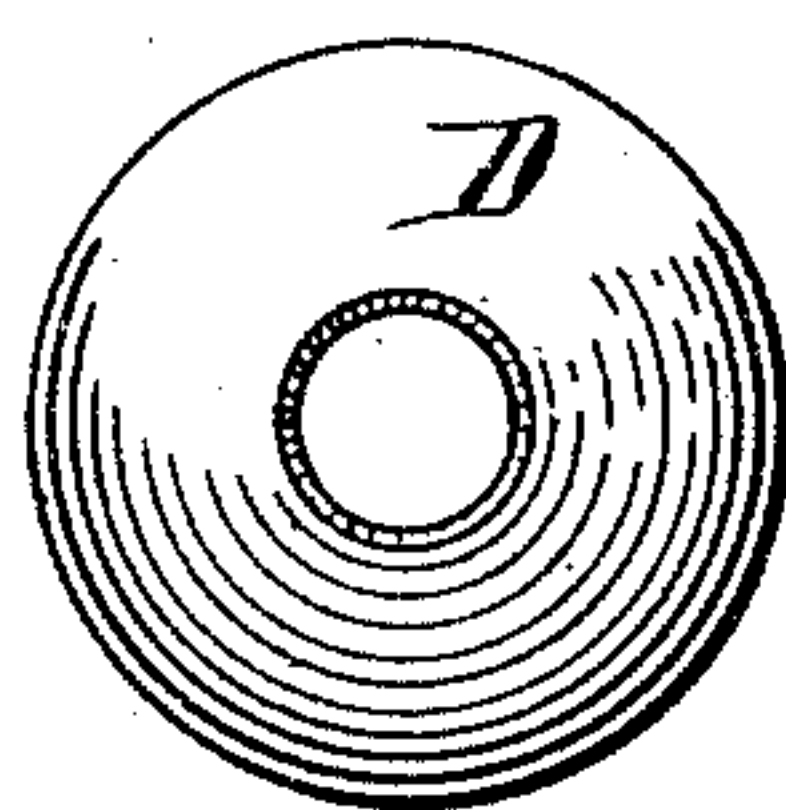


Fig 4

Witnesses

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UNITED STATES PATENT OFFICE.

HENRY G. DAWSON, OF CHICAGO, ILLINOIS.

FIREPLACE-FRAME.

SPECIFICATION forming part of Letters Patent No. 500,687, dated July 4, 1893.

Application filed October 22, 1892. Serial No. 449,546. (No model.)

To all whom it may concern:

Be it known that I, HENRY G. DAWSON, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Fireplace-Frames; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

My invention relates to fire place frames and to the method of securing them in position, and consists in the use of a frame having apertures through which the ends of the anchor wires may project, the location of a screw in the frame near the wire opening, and the winding of the wire about the outer end of the screw so that the turning of the screw will draw the frame against the masonry and hold it there firmly. The screw is provided with a chambered button or semi-spherical cap which conceals the wire and the opening through which it passes.

In the accompanying drawings, Figure 1 represents a front elevation of a corner of a fire place frame, showing the screw and the concealing cap. Fig. 2 is the same view with the screw and cap removed. Fig. 3 is a plan section on the line 3, 3, of Fig. 1. Fig. 4 is a plan view of the cap.

In securing a fire place frame in position, wires as E, are laid within the masonry as it is built, having one end projecting forwardly for the purpose of being made fast to some projection on the inner surface of the frame. Difficulty is experienced in drawing the frame snugly to its place and holding it there securely owing to the awkward position which the workman is obliged to assume in making the attachment. This difficulty is very greatly increased in the adjustment of gas burning fire places which are ordinarily provided with a metallic lining, so that no opening is left through which the wires can be manipulated.

In the accompanying drawings, I show at A, a portion of a fire place frame having ap-

ertures as e, through which the ends of the anchor wires E, may be projected as the frame is brought into position against the masonry B. A screw C, is set into an aperture c, in the frame, adjacent to the aperture e. The end of the wire E, is caught around the screw and as the latter is driven in with a screw-driver, the wire is turned upon it thus drawing the frame closely to the masonry and holding it there securely. A semi-spherical cap or button D, having a central aperture is mounted upon the screw C, and is of sufficient size to entirely cover the wire E, and the aperture e.

A mechanic of ordinary skill will readily learn to cut the wire of such length that the edges of the button D, will be brought against the frame at the same instant that the latter is brought firmly against the masonry.

The purpose in using a screw rather than a simple peg is simply to secure additional friction and decrease the liability of the wire being gradually unwound.

I claim as my invention—

1. In a fire-place adapted to be secured to the chimney-breast by means of anchor wires attached to the chimney, the combination of a frame having apertures for the protrusion therethrough of the wires, with screws for securing the wires and adapted to be turned up on the front of the frame, whereby the slack of the wires is taken up, substantially as described.

2. The combination with a fire-place frame perforated for the passage through it of the anchor wires, and having screw-sockets adjacent to the wire openings, of screws adapted to fit within the screw-sockets and to serve as means of attachment for the wires in front of the frame, substantially as described.

3. The combination with a fire-place frame having perforations through which the anchor wires may project, of screws fitting within sockets in the frame adjacent to the wire openings and adapted to have the wires attached to their outer ends whereby the turning of the screws shortens the wires and secures the frame A, in position, substantially as described.

4. The combination with a fire-place frame

having perforations through which the anchor wires may project and means for securing the wires upon the outside of the frame, of a cap or chambered button adapted to conceal the wire and its attachment, substantially as described.

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10 5. The combination with a fire-place frame having perforations through which the anchor wires may project, and screws fitting within sockets in the frame adjacent to the wire openings and adapted to secure the

frame in place by having the wires wound upon their outer ends, of chambered buttons mounted upon the screws and adapted to conceal the wires, substantially as described. 15

In testimony whereof I affix my signature in presence of two witnesses.

HENRY G. DAWSON.

Witnesses:

L. K. GILLSON,
J. H. DARIAN.