

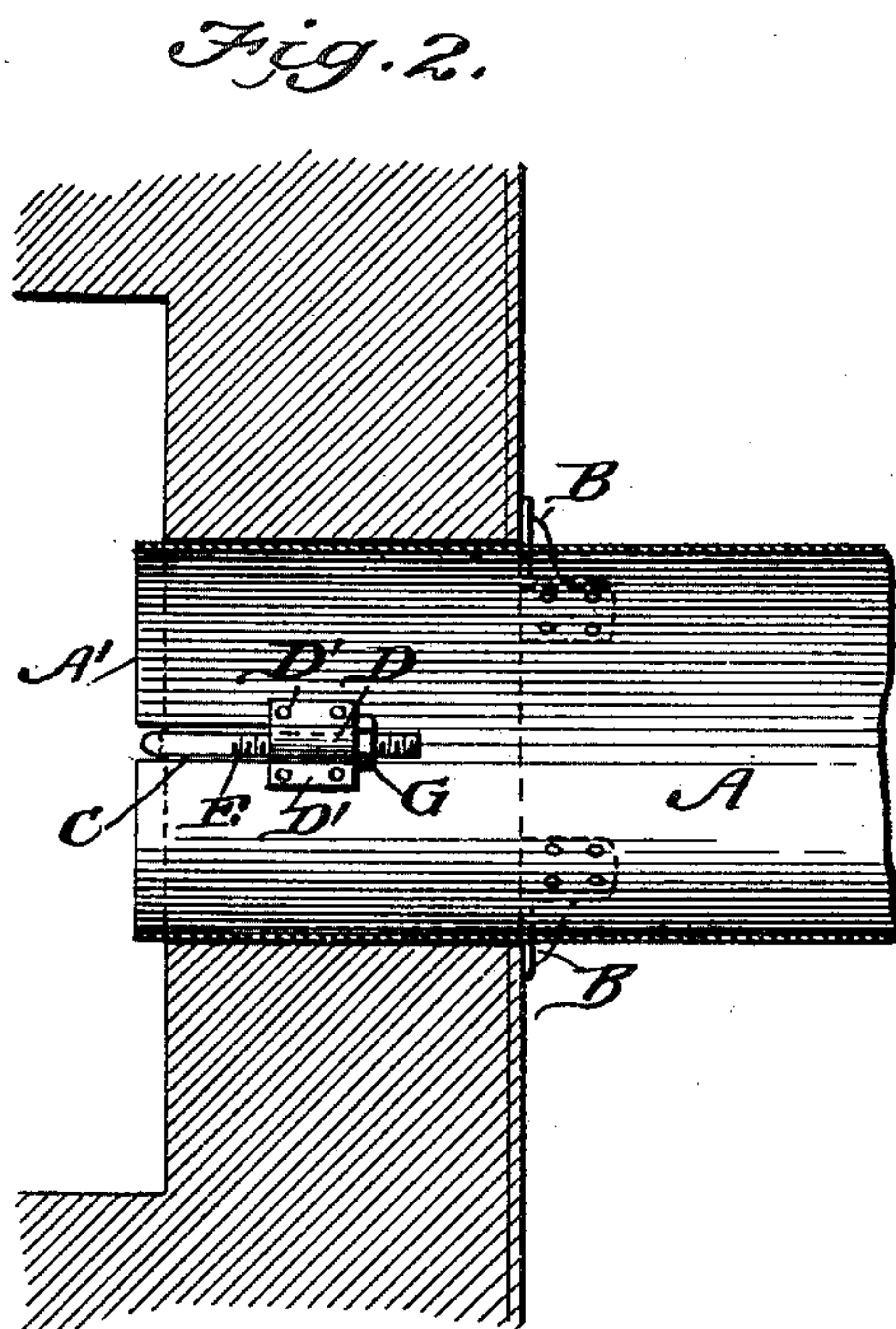
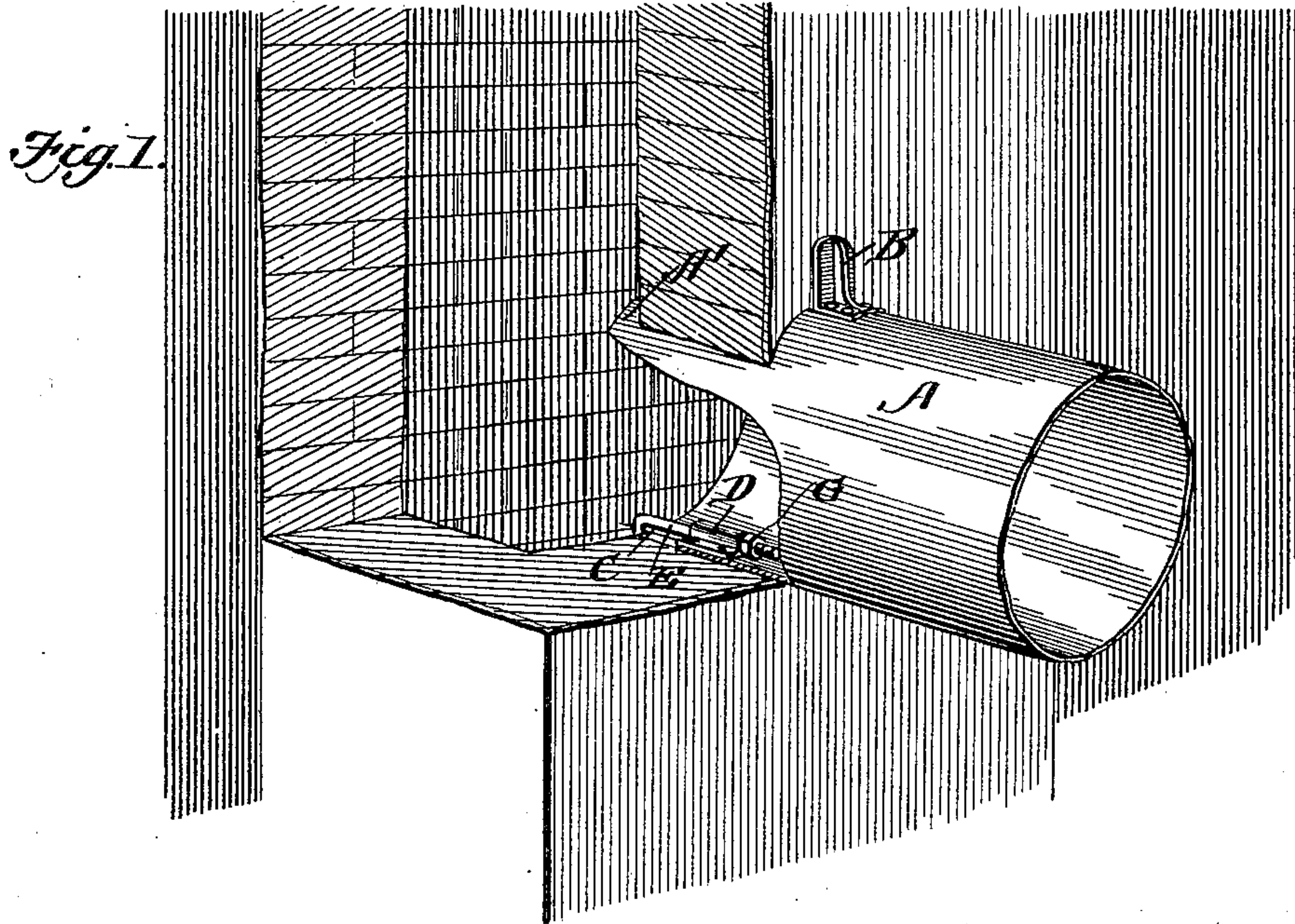
No. 649,582.

Patented May 15, 1900.

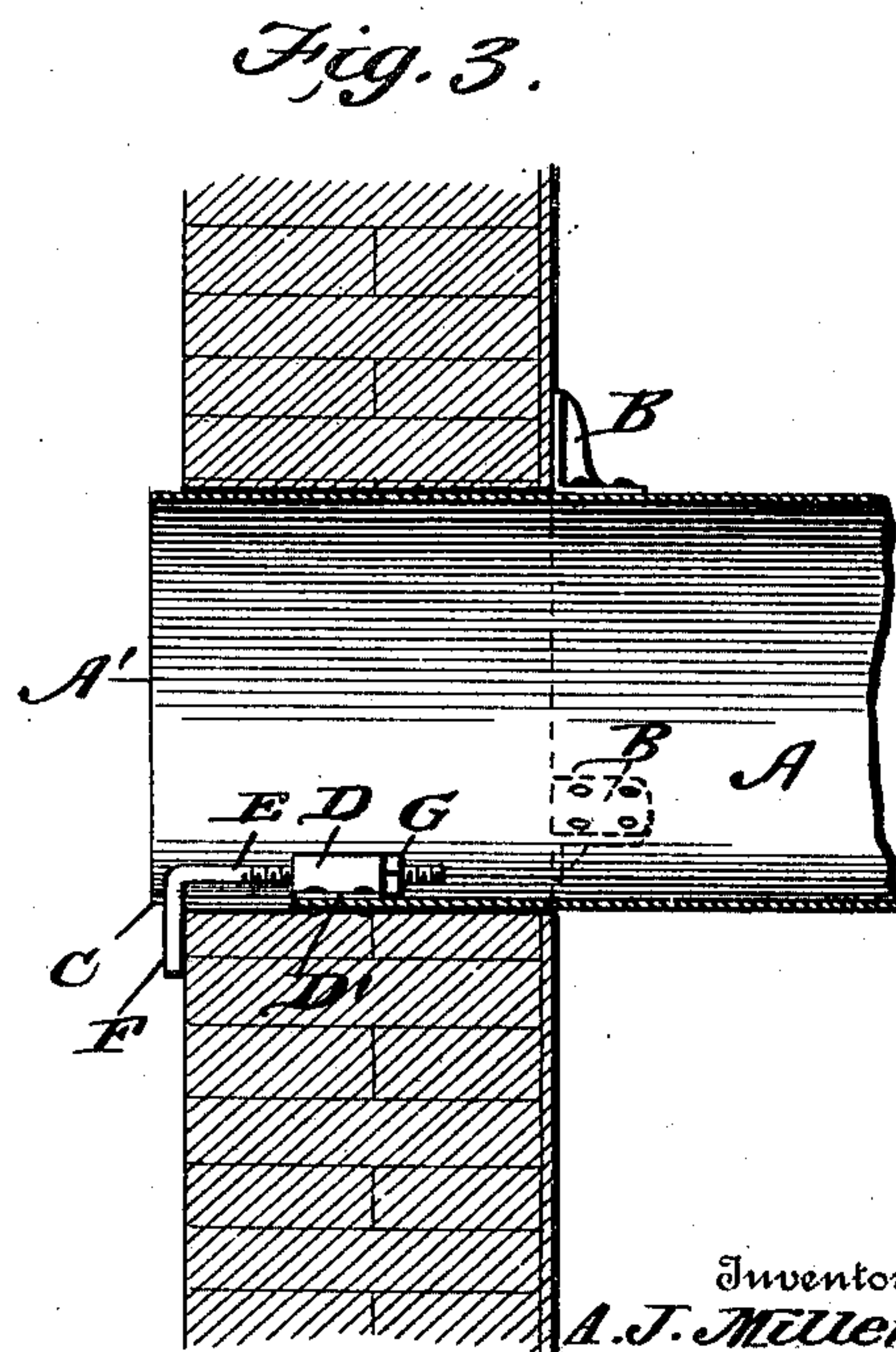
A. J. MILLER.
STOVEPIPE FASTENER.

(Application filed Aug. 10, 1899.)

(No Model.)



Witnesses
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UNITED STATES PATENT OFFICE.

ALBERT J. MILLER, OF MILLBURY, OHIO.

STOVEPIPE-FASTENER.

SPECIFICATION forming part of Letters Patent No. 649,582, dated May 15, 1900.

Application filed August 10, 1899. Serial No. 726,760. (No model.)

To all whom it may concern:

Be it known that I, ALBERT J. MILLER, a citizen of the United States, residing at Millbury, in the county of Wood and State of Ohio, have invented a new and useful Stovepipe-Fastener, of which the following is a specification.

My invention relates to means for securing stovepipes in chimney-holes.

The object of the invention is to provide an improved stovepipe-fastener which will be cheap, durable, and easily applied in or removed from the hole or thimble.

With this object in view my invention consists in the improved construction, arrangement, and combination of parts hereinafter fully described and afterward specifically pointed out in the appended claim.

In order to enable others skilled in the art to which my invention most nearly appertains to make and use the same, I will now proceed to describe its construction and operation, reference being had to the accompanying drawings, forming part hereof, in which—

Figure 1 is a perspective view of part of a chimney with my improved fastener secured therein, parts being broken away. Fig. 2 is a sectional view on a horizontal plane cutting through the chimney and fastener, the parts of the fastener being in their proper positions for introduction into the chimney. Fig. 3 is a sectional view on a plane cutting vertically through the chimney and fastener, with the parts in position to secure the fastener in the chimney.

Like letters of reference mark the same parts in all of the figures of the drawings.

Referring to the drawings by letters, A indicates a short section of pipe, preferably about eight inches long, provided with laterally-projecting wings or lugs B at a point about four and a half inches from the end A' of the pipe. In one side of the end A' is formed a slot or long notch C, preferably about one and a half inches deep. Secured to the inside of the pipe A, with its outer end even with the inner end or throat of the notch C, is a short cylinder or tube D, preferably formed of a bent plate, whose spread flanges D' are riveted or otherwise secured to the pipe, the tube being about an inch long and in line with notch C.

E indicates a rod, preferably about three and a half inches long, with a right-angularly-bent end F about an inch and a half long, the opposite end of the rod E being threaded for about one and three-quarter inches to receive a nut G.

The dimensions mentioned are suitable for a fastener adapted to be secured in the hole of a chimney the wall of which is of the thickness of a single brick and will be varied to suit different thicknesses of walls.

In assembling the parts the rod E is slipped into the tube D from the notched end of the pipe A, the right-angled end F being laid inside the pipe, as shown in Fig. 2, and the nut G secured upon the inner threaded end. The pipe A may now be slipped into the chimney-hole or thimble therein until the wings B strike the breast of the chimney. In this position in an ordinary chimney with walls of the width of a single brick the notched end A' of the pipe will project slightly into the chimney. The hand may now be inserted in the open outer end of pipe A and the rod E pushed inward until its bent end F drops over the inner end A' of the pipe, when said end F will hang in line with notch C, into which it may be drawn by pulling the rod outward. The end in the notch will prevent the rod from turning, so that the nut G may now be turned inward on the threaded end of rod E, which will draw the bent end F outward against the inside of the chimney-wall and the wings B against the outside, thus firmly clamping and securing the fastener in place, so that the stovepipe may be inserted in its outer end. An ornamental collar H may be slipped on the fastener, if desired, to cover the wings or lugs B.

While I have illustrated and described what I consider to be the best means now known to me for carrying out my invention, I do not wish to be understood as restricting myself to the exact forms of constructions shown, as many slight changes therein or variations therefrom might suggest themselves to the ordinary mechanic, all of which would be clearly included within the limit and scope of my invention.

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

In a stovepipe-fastener, the combination with a length of stovepipe, one end of which is slotted longitudinally, of a sleeve secured to the interior of the pipe at the inner end of
5 said slot, stops upon the exterior of the pipe at a distance from the sleeve, a rod through the sleeve, one end of which is bent at an angle and fits within the slot in the pipe and

the other end is screw-threaded, and a nut on the screw-threaded end beyond the sleeve, so substantially as described.

ALBERT J. MILLER.

Witnesses:

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