

(No Model.)

2 Sheets—Sheet 1.

A. E. VOGEELEY.
ATTACHMENT FOR GRATES OR STOVES.

No. 364,690.

Patented June 14, 1887.

Fig. 1.

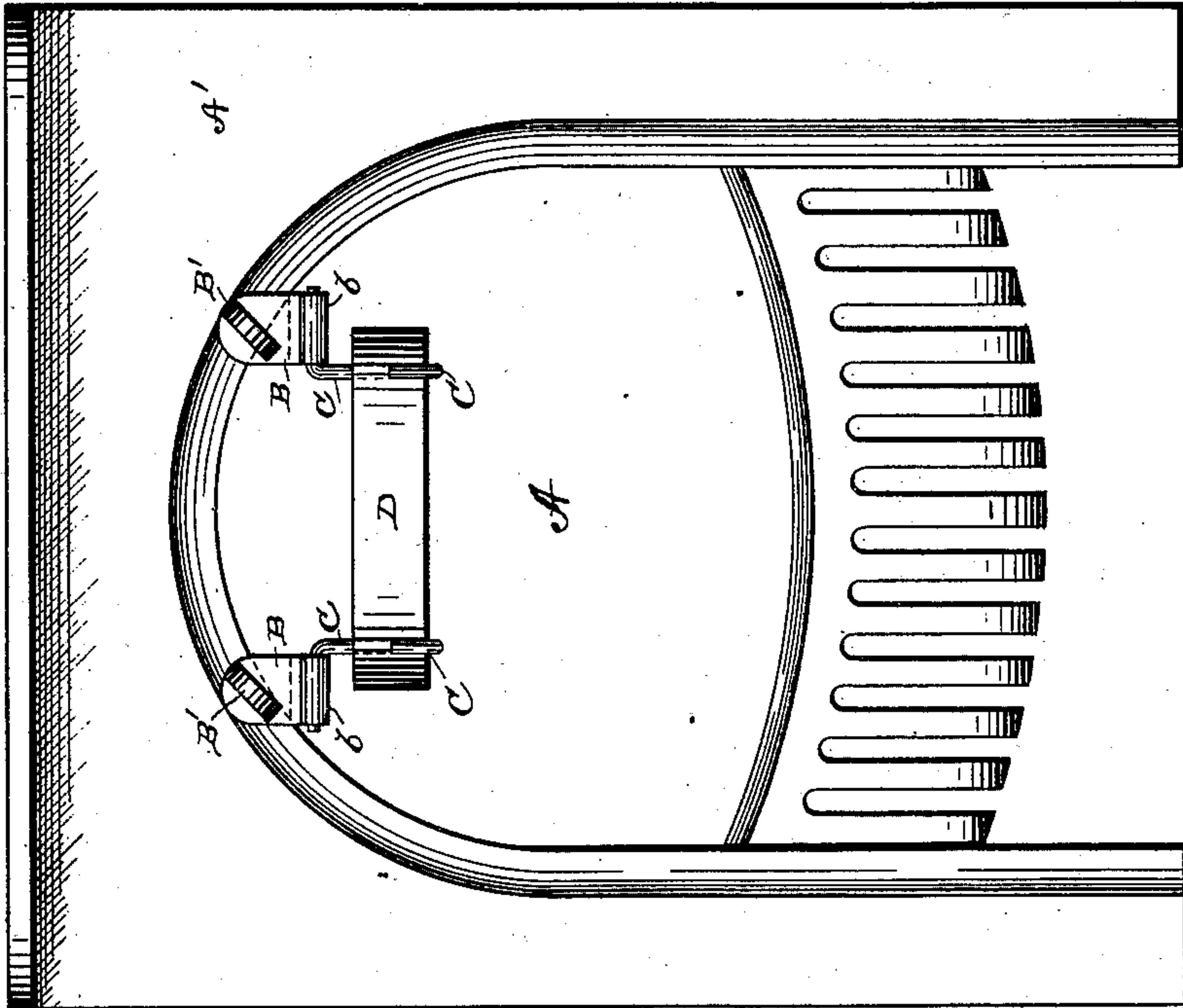
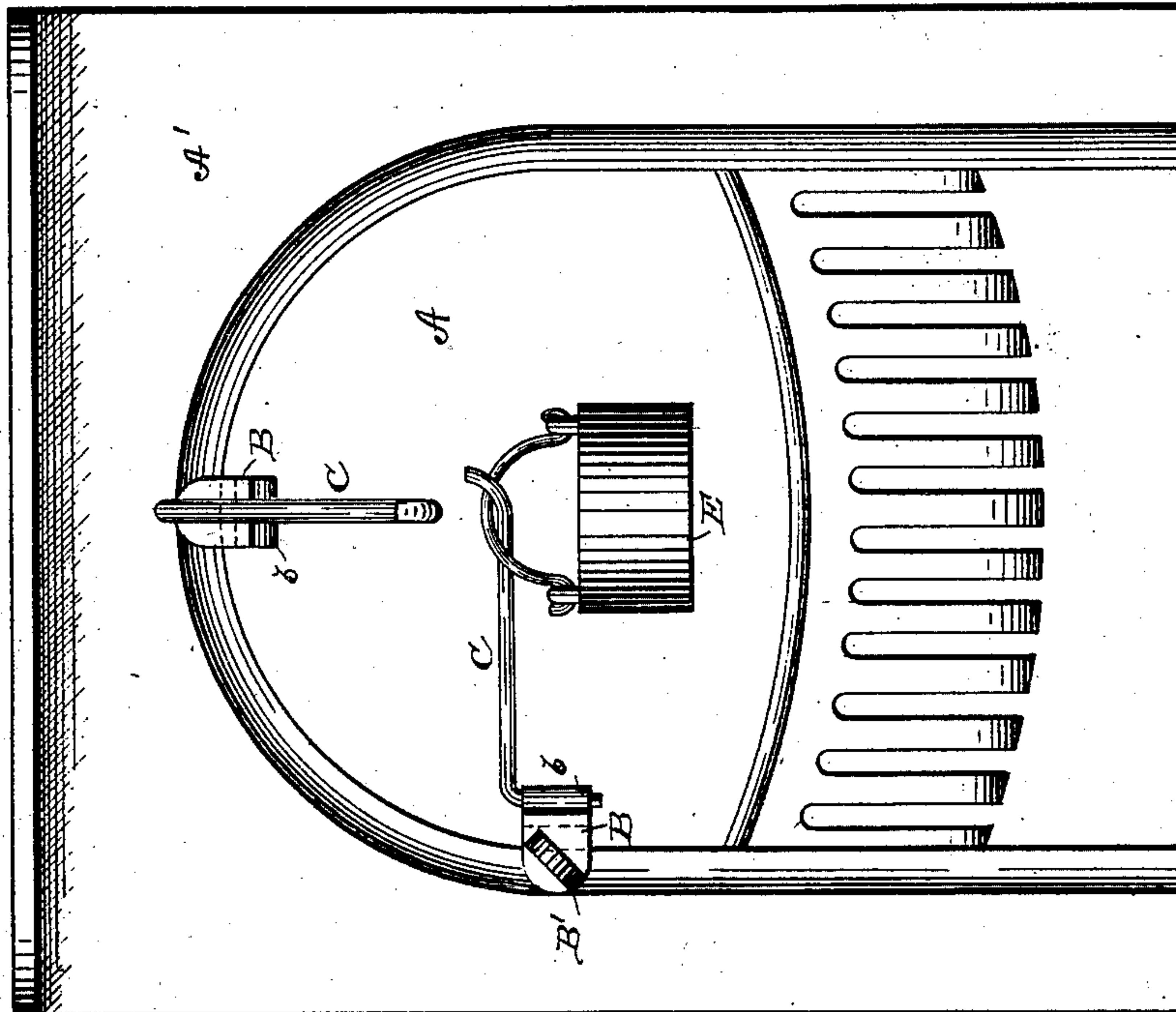


Fig. 2.



Witnesses

John C. Miller

Percy White

Inventor
Aaron E. Vogeley
By his Attorney J. W. Humes

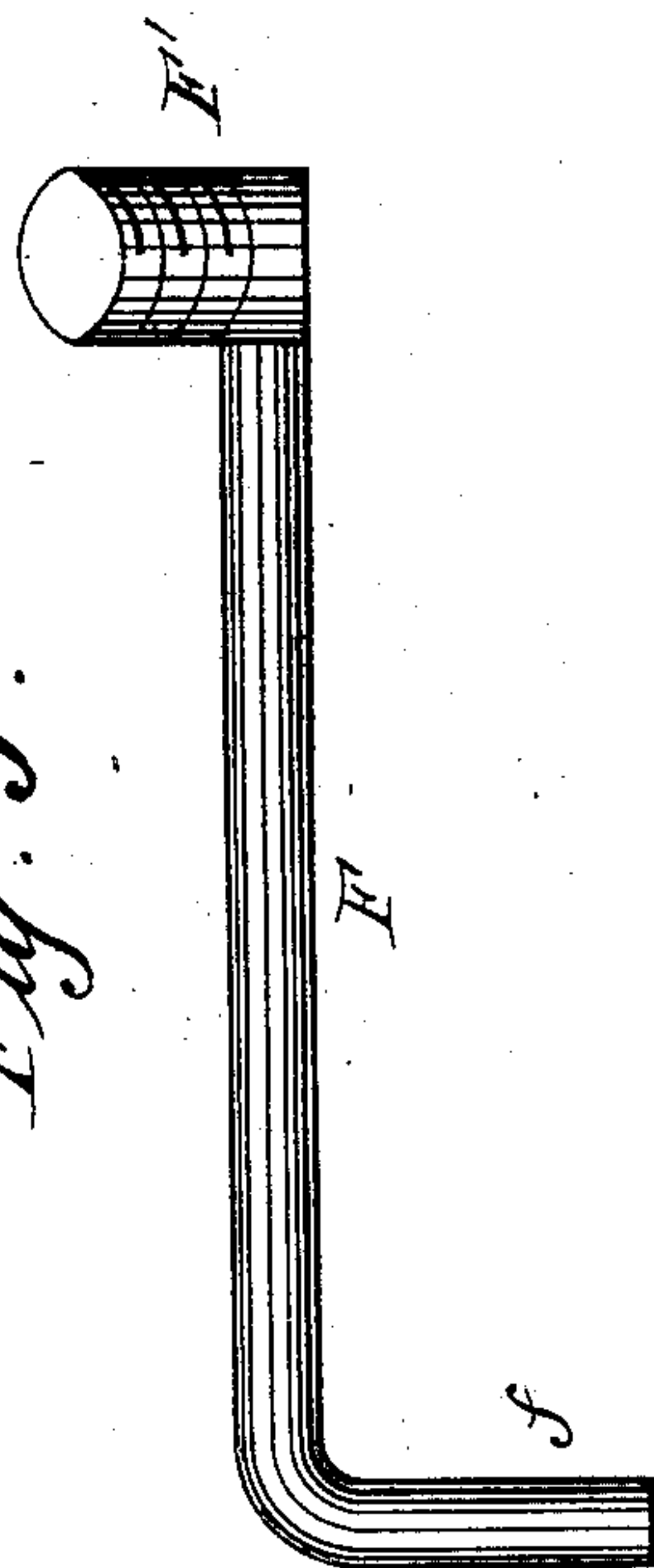
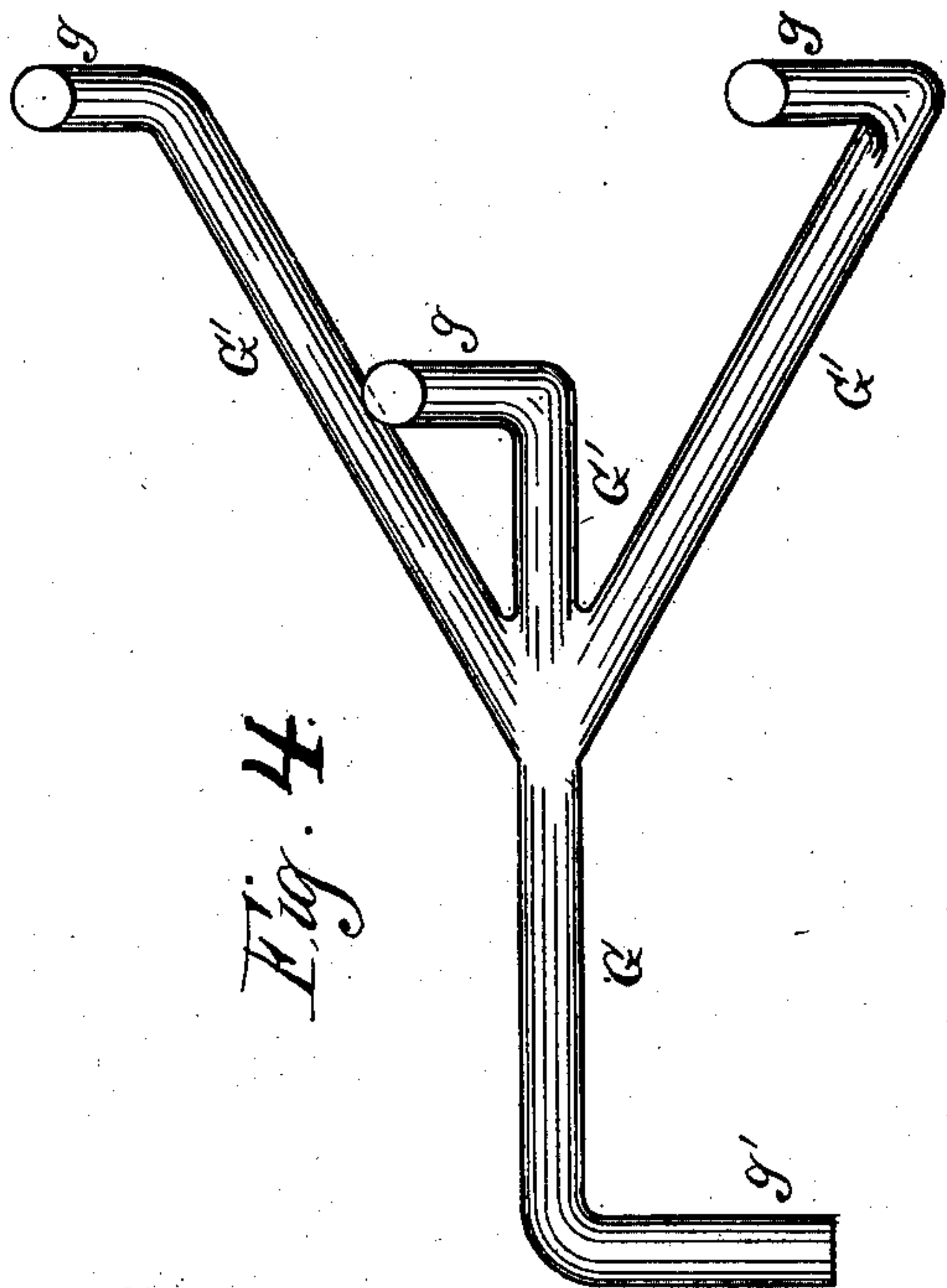
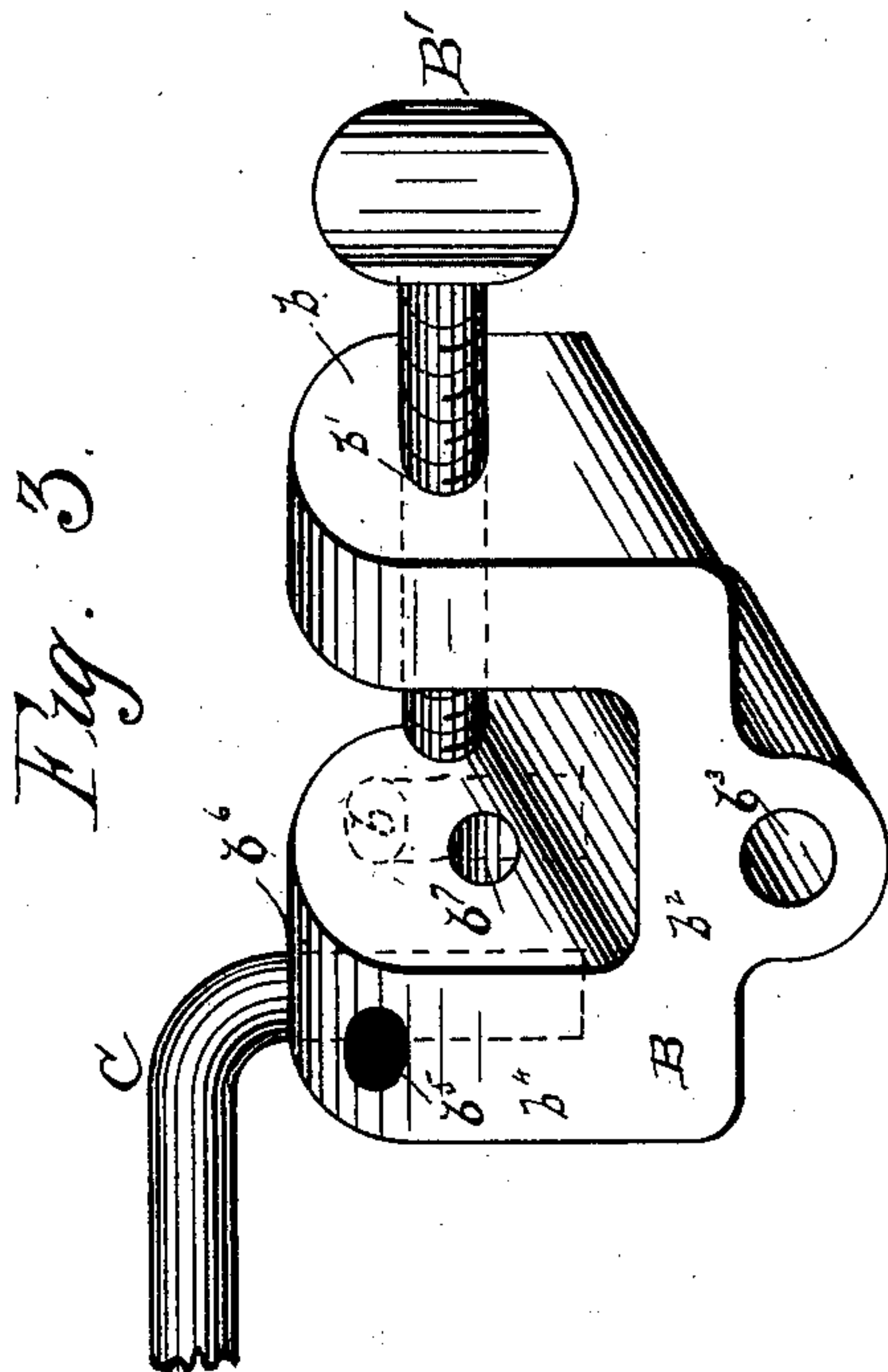
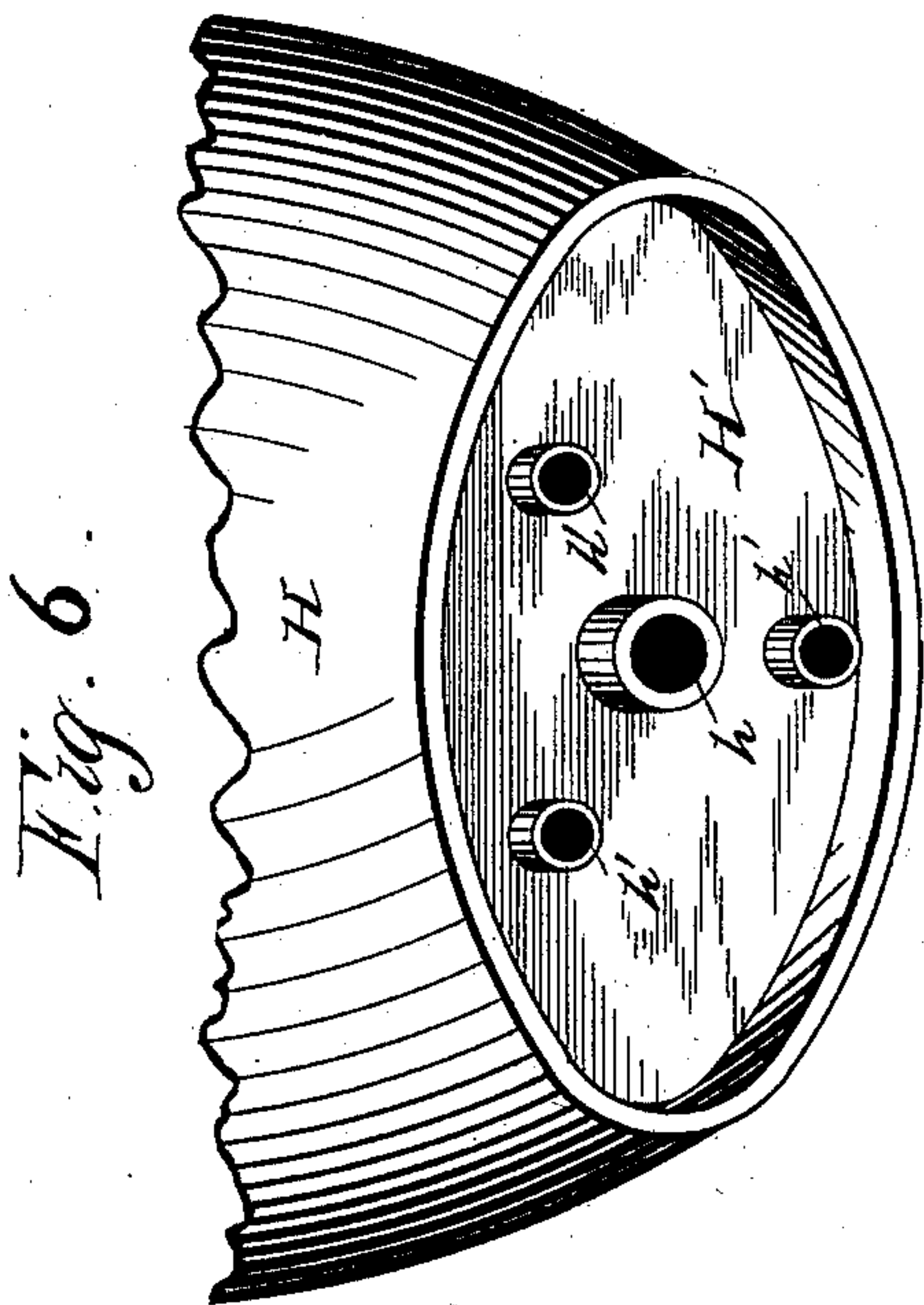
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Aaron E. Vogele Inventor
By his Attorney *W. H. Lennen*

UNITED STATES PATENT OFFICE.

AARON E. VOGLEY, OF BUTLER, PENNSYLVANIA.

ATTACHMENT FOR GRATES OR STOVES.

SPECIFICATION forming part of Letters Patent No. 364,690, dated June 14, 1887.

Application filed November 10, 1886. Serial No. 218,474. (No model.)

To all whom it may concern:

Be it known that I, AARON E. VOGLEY, a citizen of the United States, residing at Butler, in the county of Butler and State of Pennsylvania, have invented certain new and useful Improvements in Attachments for Grates or Stoves; and I do hereby 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.

The object of this invention is to produce a simple and economically-constructed means for attachment to open fire-places or gas-stoves for supporting an evaporating-vessel in a suitable position adjacent to the fire for disseminating warmth and moisture in the air of apartments heated by such fires, and composed of conveniently-adjustable parts that can be readily attached to a fire-place in different positions, and that can be easily removed as occasion may require. These results are attained by the mechanism illustrated in the drawings herewith filed as part hereof, in which the same letters of reference denote the same parts in the different views.

Figure 1 represents a mantel and open fire-place of the ordinary kind, provided with my improved means for applying an evaporating-vessel thereto. Fig. 2 is a similar representation of one of the parts. Fig. 3 is an enlarged perspective representation of one of the parts. Figs. 4 and 5 represent adjustable arms of different forms, adapted for use in connection with the part shown in Fig. 3. Fig. 6 is a perspective representation, partly in section, of an evaporating-vessel adapted for use in connection with the parts shown in Figs. 3 and 4.

A designates an ordinary open-grate fire-place, and B designates a clamp-block for connecting a sustaining-arm to the arch or other part of the fire-place front. This clamp-block is of U form, having the arms b b^4 and the bend or cross portion b^2 . An eye, b^7 , is formed transversely in the arm b , to receive the clamping-screw B' , by means of which the block is held securely in position upon the fire-place front.

b^3 designates an eye formed transversely through the bend; b^7 , an eye formed transversely through the arm b^4 , and b^5 b^6 designate eyes or sockets formed in the rim or edge of the arm b^4 , said eyes b^3 b^5 b^6 b^7 being designed to receive

the sustaining-arms, as hereinafter described. One or two clamps may be employed.

To support a vessel without a handle—such as shown in Fig. 1—two clamps will be necessary, to be applied in the manner shown, and such clamps may be attached to the body of the mantel at a greater or less distance from each other, according to the size of the vessel to be supported. Vessels with a handle may be suspended in different positions adjacent to the fire by a corresponding attachment of the mechanism to the body of the mantel, as illustrated in Fig. 2.

Referring to the modified parts shown in Figs. 4, 5, and 6, F is an arm provided at one end with a screw-threaded head, F' , and at the opposite end with a rectangular extension adapted to be set into the sockets b^3 , b^5 , b^6 , and b^7 of the screw-clamp B.

G is an arm, preferably made of cast-iron, and having divergent extensions G' , with perpendicular projections g at the ends, and an angular extension, g' , at the end of the arm opposite thereto, for a purpose hereinafter explained.

H represents an evaporating-vessel, made of any suitable material and provided at its bottom H with either a screw-threaded socket, h , or a series of plain sockets, h' , which may be secured to the bottom of the vessel by any suitable means. The socket h is for the purpose of adapting the vessel to be thereby firmly secured to the screw-threaded end of the arm illustrated in Fig. 5. By providing the bottom of the vessel with a series of sockets, h' , the same may be firmly secured to an arm of the form shown in Fig. 5, and either of the arms F F' or G G' may be connected with the screw-clamp B by inserting their rectangular extensions f or g' in the sockets b^3 , b^5 , b^6 , and b^7 . A vessel having a series of plain sockets, h' , on its bottom may be connected with and supported by the clamp B B' by means of suitably bent and extended arms set into the sockets b^3 , b^5 , b^6 , and b^7 , of the clamp B. (Fully shown in Fig. 3.)

By reason of the adjustable connection of the arms with the clamp the evaporating-vessels may be put in any desired position relative to the fire that may be necessary to cause a suitable amount of evaporation of water in the vessel to temper the air of the apartment as

occasion may require, and the mechanism may be readily detached and removed from the fire-place during seasons of the year when fires are not desirable.

5 Having explained the features of my improvement, what I claim as new, and desire to secure by Letters Patent of the United States, is—

10 1. The improved attachment herein described, consisting of the U-shaped block having the eye *b'* in one of its arms, the screw *B'* in said eye, the eye *b³* in its bend, and the eyes *b⁵* *b⁶* *b⁷* in its opposite arm, as described.

2. The combination, with the U-shaped block having the eye *b'* in one of its arms, the eye *b³* in its bend, and the eyes *b⁵* *b⁶* *b⁷* in its opposite arm, of the clamping screw set in the eye *b'* and a supporting rod set in one of its remaining eyes, as set forth.

In testimony whereof I affix my signature in 20 presence of two witnesses.

AARON E. VOGLEY.

Witnesses:

ANDREW G. WILLIAMS,

ALEX MITCHELL.