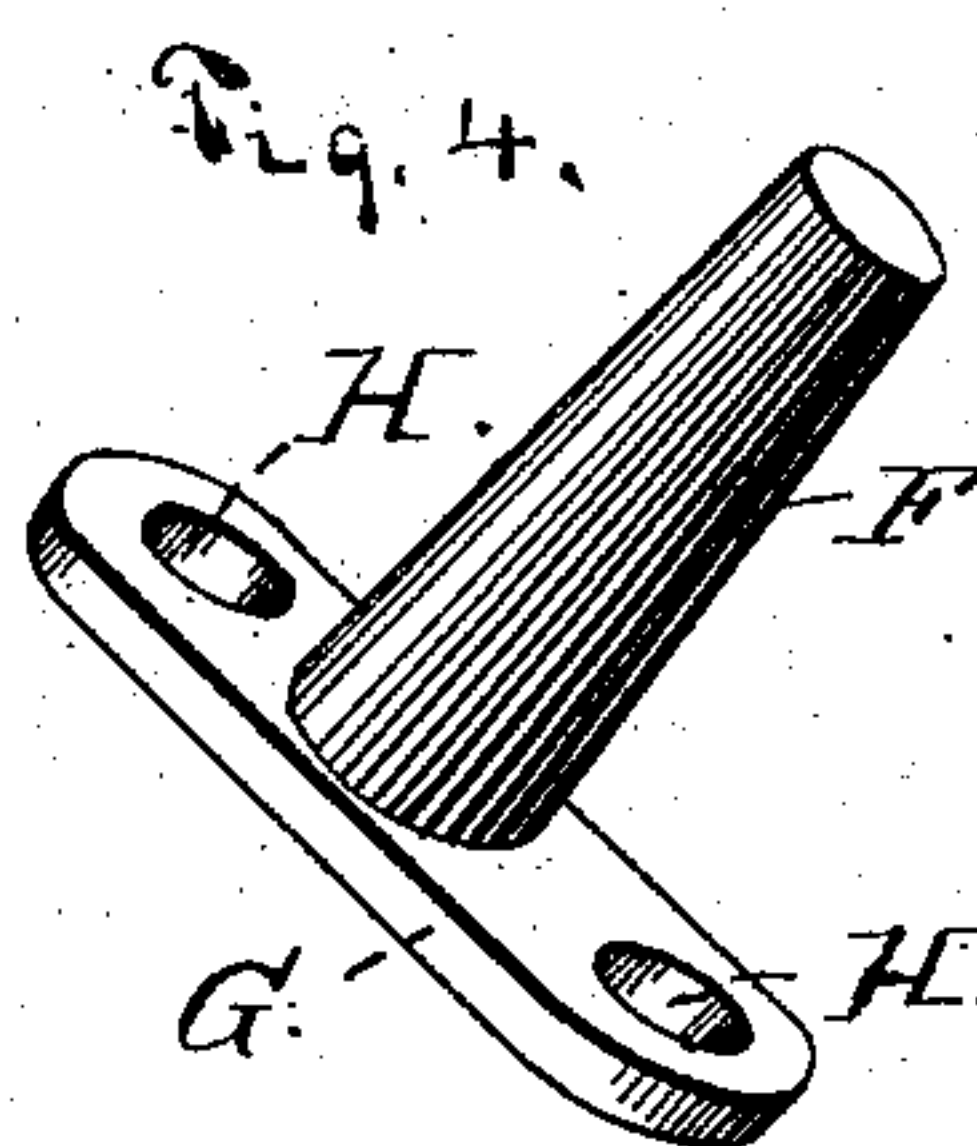
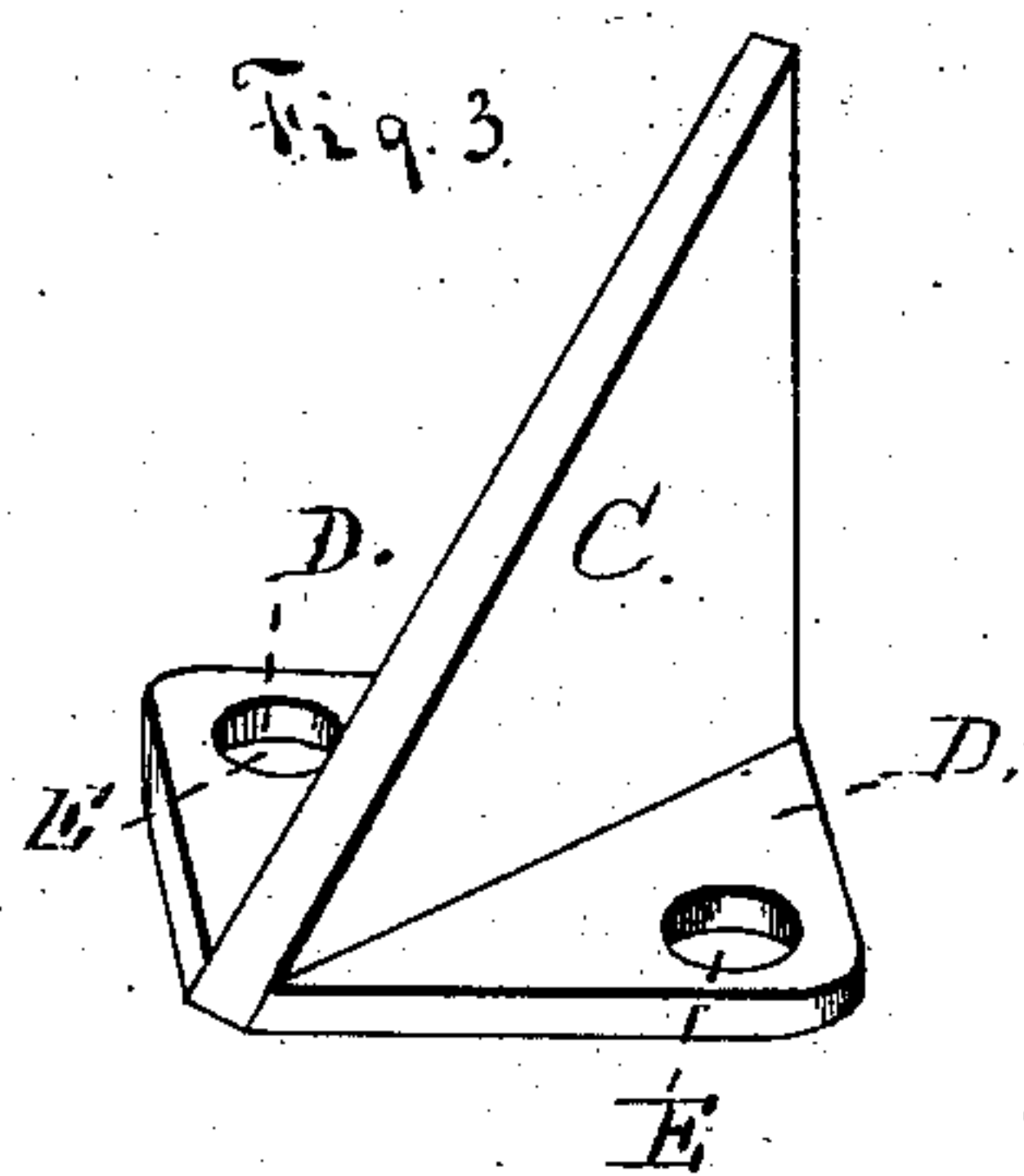
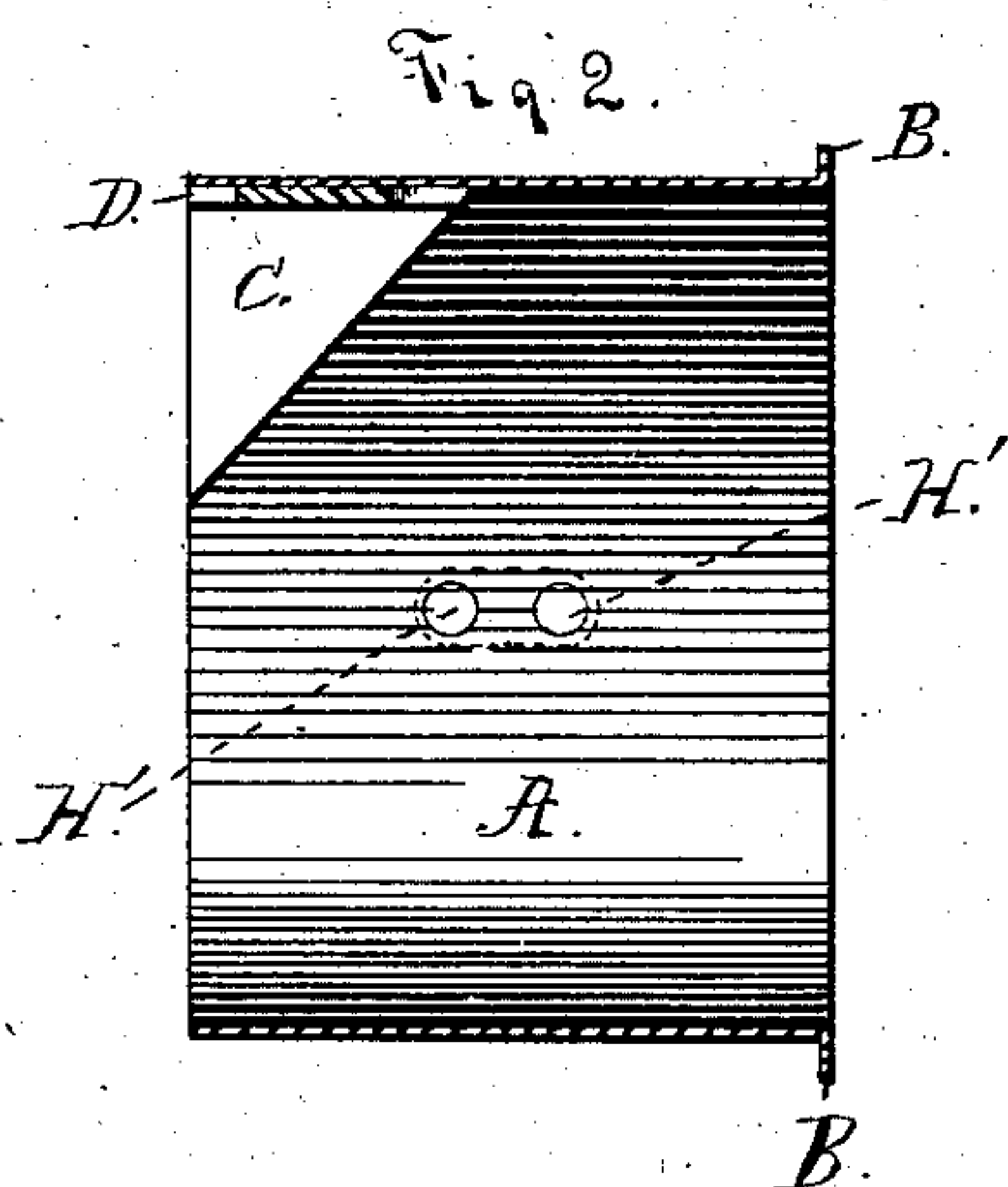
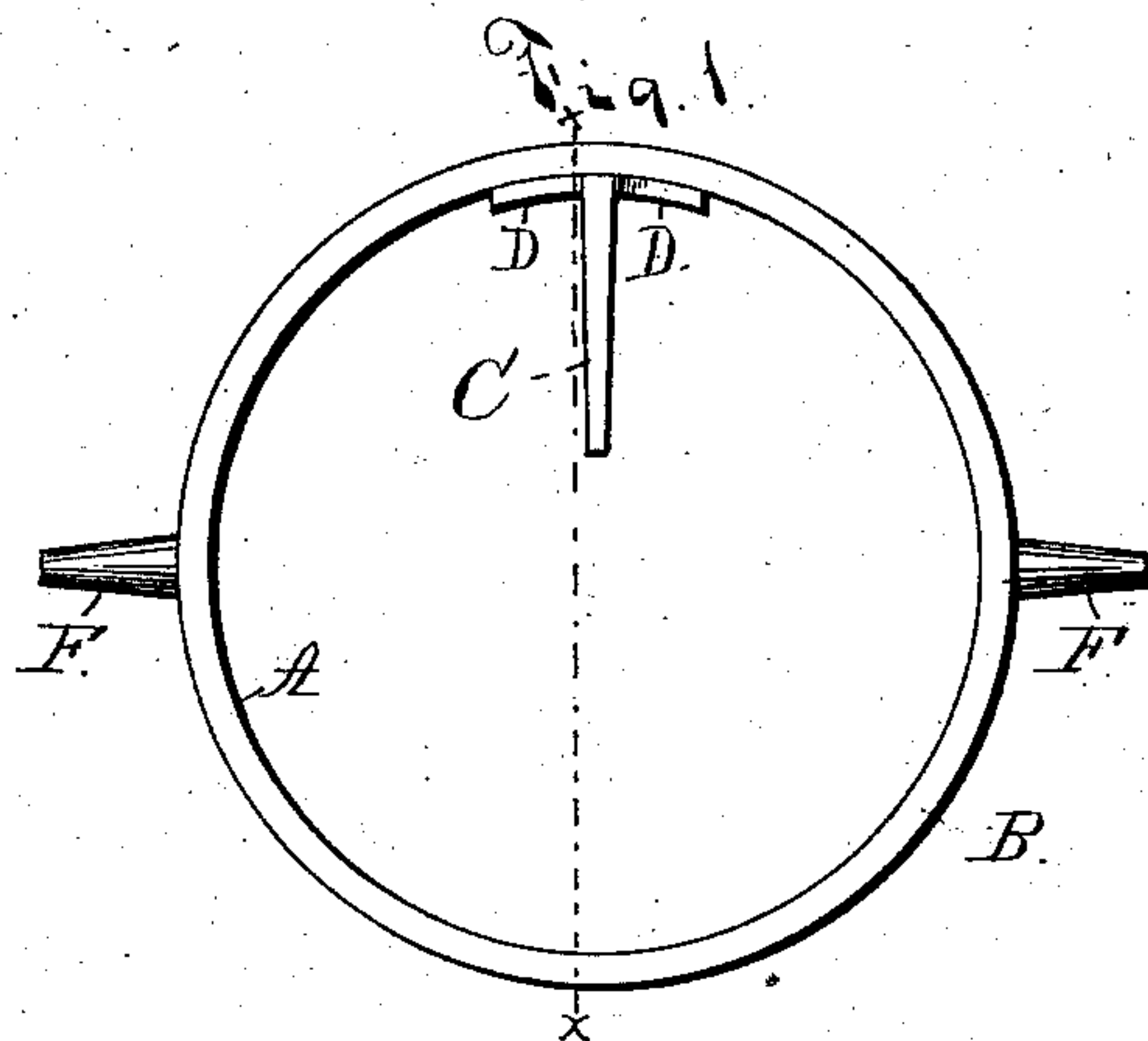


(No Model.)

H. E. WIEBER.  
STOVE PIPE THIMBLE.

No. 290,157.

Patented Dec. 11, 1883.



Attest,  
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Inventor  
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# UNITED STATES PATENT OFFICE.

HENRY EMIL WIEBER, OF RONDOUT, NEW YORK.

## STOVE-PIPE THIMBLE.

SPECIFICATION forming part of Letters Patent No. 290,157, dated December 11, 1882.

Application filed June 19, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, HENRY EMIL WIEBER, a citizen of the United States, residing at Rondout, in the county of Ulster and State of New York, have invented certain new and useful Improvements in Stove-Pipe Thimbles; 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 and figures of reference marked thereon, which form a part of this specification.

My invention relates to chimney-tubes; and it consists in the parts which will be hereinafter described, and pointed out in the claims.

In the accompanying drawings, Figure 1 represents a front view of my improvement. Fig. 2 is a sectional view taken on the line *xx* of Fig. 1. Fig. 3 is a perspective view of the inside stop-lug, and Fig. 4 is a perspective view of one of the outside pins.

Like letters indicate like parts throughout the several views.

A represents the body of the tube, which is open at both ends. B is an outwardly-projecting flange fixed to the tube. C is a bevel lug or stop secured to the inside of the tube. D is the base of said lug; and E E are rivet-openings therein, by means of which the device is secured in the tube. F F are pins formed integral with the base-plate G, and H H are rivet-openings in said plate, by means of which it is secured to the outside of the tube H' H'. Fig. 2 are the inside rivet-heads that secure the pins in position.

In the use of the old style of smooth tube it was found that it would work out of the chimney-opening, which is an objectionable feature. The outside pins on my tube are adapted to fit into the sides of the chimney-opening, and thereby firmly secure the tube in position.

The advantage of my stop-lug, herein shown and described, is that it prevents the stove-pipe from being pushed too far into the chimney. The pipe, when inserted in the tube, will engage the bevel surface of the lug C; then, by forcing the pipe inward, the engaging-edge thereof will be slightly turned in-

ward by the beveled lug, and thereby held in position. The lug will bind the pipe sufficiently to hold it firmly in place and at the same time prevent it from passing wholly through the tube.

It is obvious that the inside stop may be made in various forms without departing from the principle of my invention.

It will be seen that the pins F, being arranged diametrically opposite each other and projected out, as shown, form gudgeons or trunnion-supports for the thimble, so that the latter can be adjusted to any suitable angle in the wall. This is desirable, in that the stove-pipes are frequently inserted in chimneys at angles other than a right one, and the advantages of these trunnion-pins are therefore obvious.

In the operation of the pins as trunnions, it will be understood the hole in the chimney should be large enough to permit the partial rotation of the tube on the said trunnions as an axis, in order to adapt the same to the incline of the stove-pipe. The use of the pins is also desirable, for the reason that they can be easily built into the wall when the tube is secured permanently at a desired angle therein.

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

1. The combination, with a stove-pipe, of the two trunnions projected radially outward therefrom, and arranged approximately diametrically opposite each other, substantially as described.

2. The improved stove-pipe thimble, substantially as described and shown, composed of the tube having open ends, the two trunnion-pins projected outward therefrom in radial lines and diametrically opposite each other, and the stop-lug secured within the tube and beveled or inclined rearwardly on its forward edge, all arranged and adapted to operate as and for the purposes specified.

3. The stove-pipe thimble, substantially as described and shown, composed of the tube having open ends, and provided with means whereby it may be secured in the stove-pipe opening, and a stop-lug arranged within the tube and beveled or inclined rearwardly on its forward edge, substantially as described and shown.



4. In a stove-pipe thimble, a stop-lug secured within and at or near the inner end of same, and beveled or inclined rearwardly on its forward edge, substantially as and for the purposes set forth.

5. The combination, with the stove-pipe thimble, of the trunnion-pin F, having base-plate G, provided with rivet-openings H, and rivets H', passed through said openings and

securing trunnion-pin and thimble together, so substantially as set forth.

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

HENRY EMIL WIEBER.

Witnesses:

CHARLES BRAY,  
J. B. McCAUSLAND.