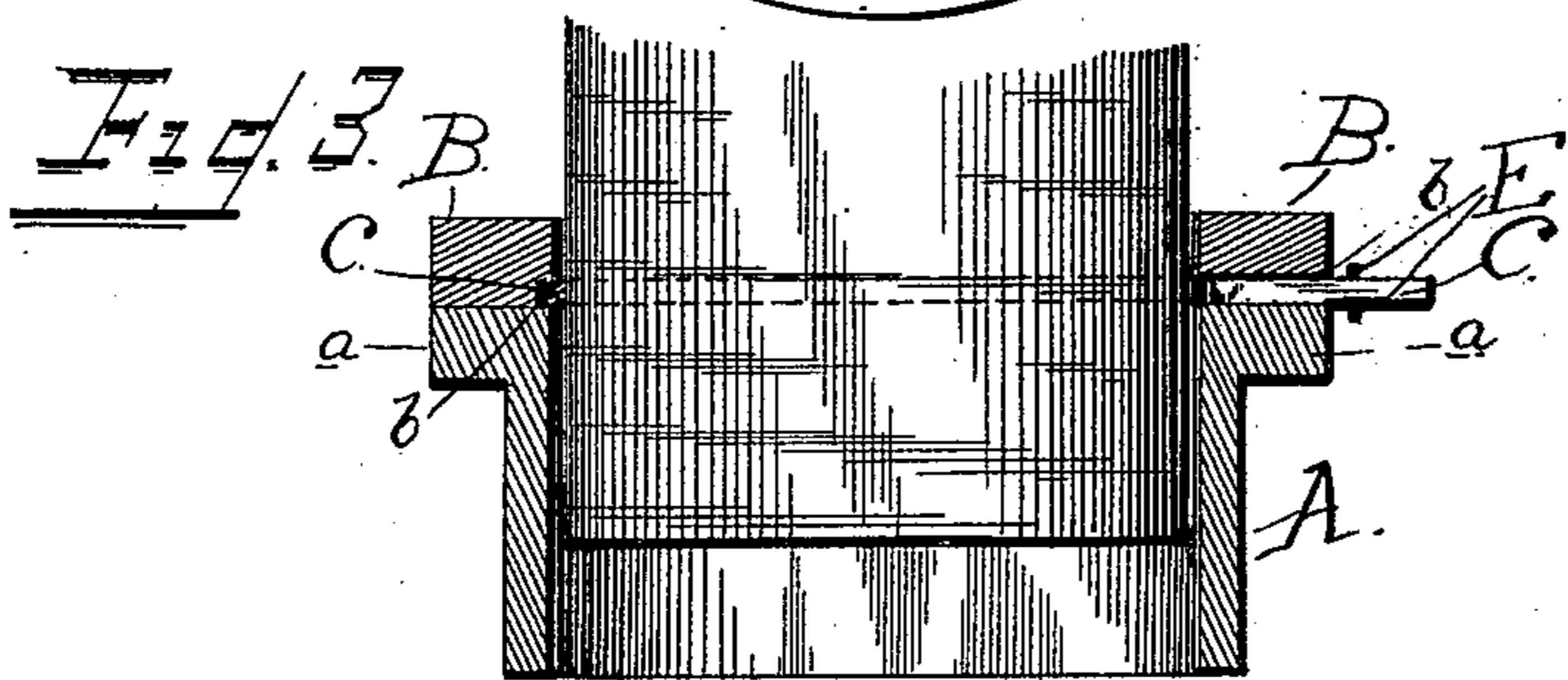
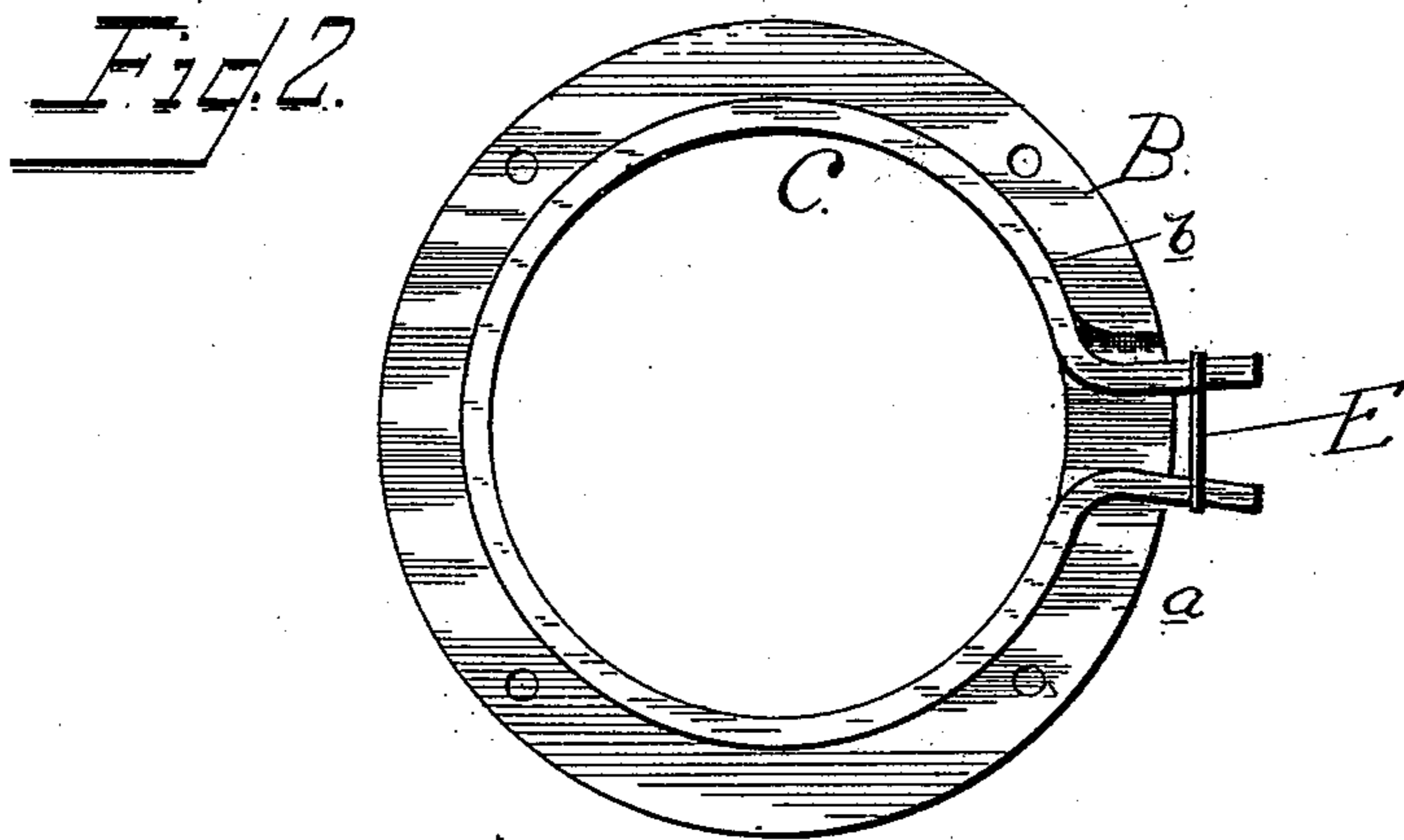
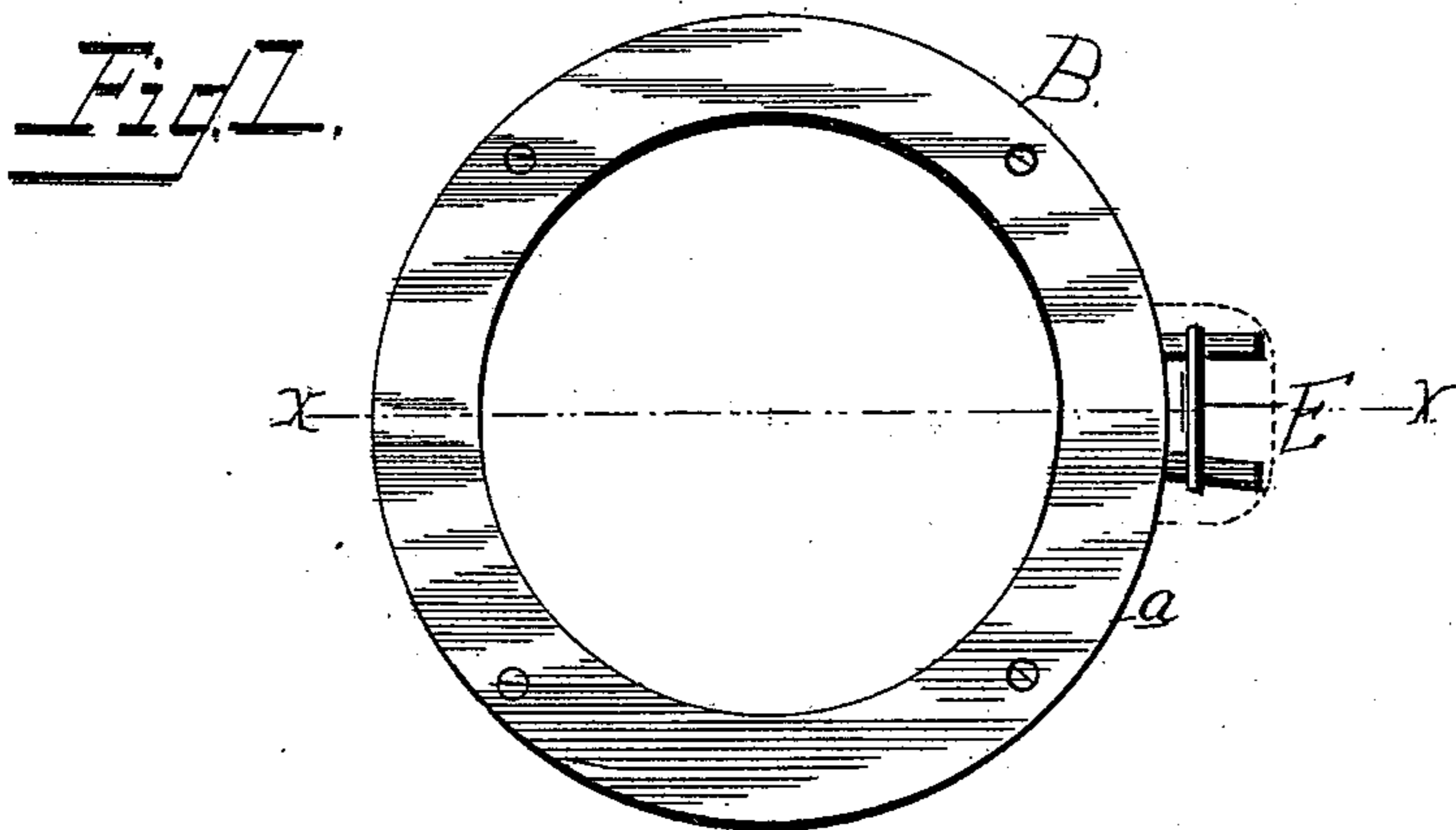


(No Model.)

D. HAY.
FLUE THIMBLE.

No. 497,374.

Patented May 16, 1893.



WITNESSES
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UNITED STATES PATENT OFFICE.

DAVID HAY, OF NORTH MANCHESTER, INDIANA.

FLUE-THIMBLE.

SPECIFICATION forming part of Letters Patent No. 497,374, dated May 16, 1893.

Application filed December 15, 1892. Serial No. 455,223. (No model.)

To all whom it may concern:

Be it known that I, DAVID HAY, a citizen of the United States, residing at North Manchester, in the county of Wabash and State of Indiana, have invented certain new and useful Improvements in a Device for Securing Stove-pipes in Flue-Thimbles, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1, is a plan view showing my improvements applied to a flue-thimble. Fig. 2, is a view of the parts separated and the thimble-cap turned upside down. Fig. 3, is a vertical sectional view on line $x-x$ of Fig. 1.

The object of my invention is to provide simple and efficient means for securing a stove-pipe in a flue-thimble, and it consists in the construction of the thimble by which the above results are attained.

In the drawings, A denotes a stove-pipe thimble which may be of any well known construction and is provided with an annular projecting flange a .

B denotes a thimble-cap or ring, the inner diameter of which corresponds with the inner diameter of the thimble. This ring or cap is provided with a downward flange b which is slotted.

C denotes a circular spring rod or band which is confined by the flange of the ring or cap and has ends projecting out through the slot of the flange, at an angle to one another.

The cap with its ring is now placed upon the flange of the thimble and the cap is then se-

cured to the said thimble flange by any suitable means.

In operation the stove-pipe is inserted through the thimble and by compressing the ends of the spring rod or band together, the pipe will be positively clamped in place.

Any suitable means may be employed for holding the ends of the spring rod or band together. In the present case I have shown a link E, but other means may be employed without departing from the spirit of my invention.

If desired the cap may be suitably ornamented and provided with an extension which will conceal the projecting ends of the spring rod or band, thus concealing the ends of the bands from evil disposed persons as well as giving the device a neater appearance.

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

In combination, a stove pipe thimble provided with an outwardly extending flange, a cap or ring having a downwardly extending flange, a spring rod bent to lie within said flange and having its extreme ends projecting through a slot in the flange of the cap and slanting in opposite directions, and a loop embracing said ends whereby when slid outward thereon the body of the wire is impressed about the pipe, substantially as herein described.

DAVID HAY.

Witnesses:

SHELBY SEXTON,
W. H. RIDGLEY.