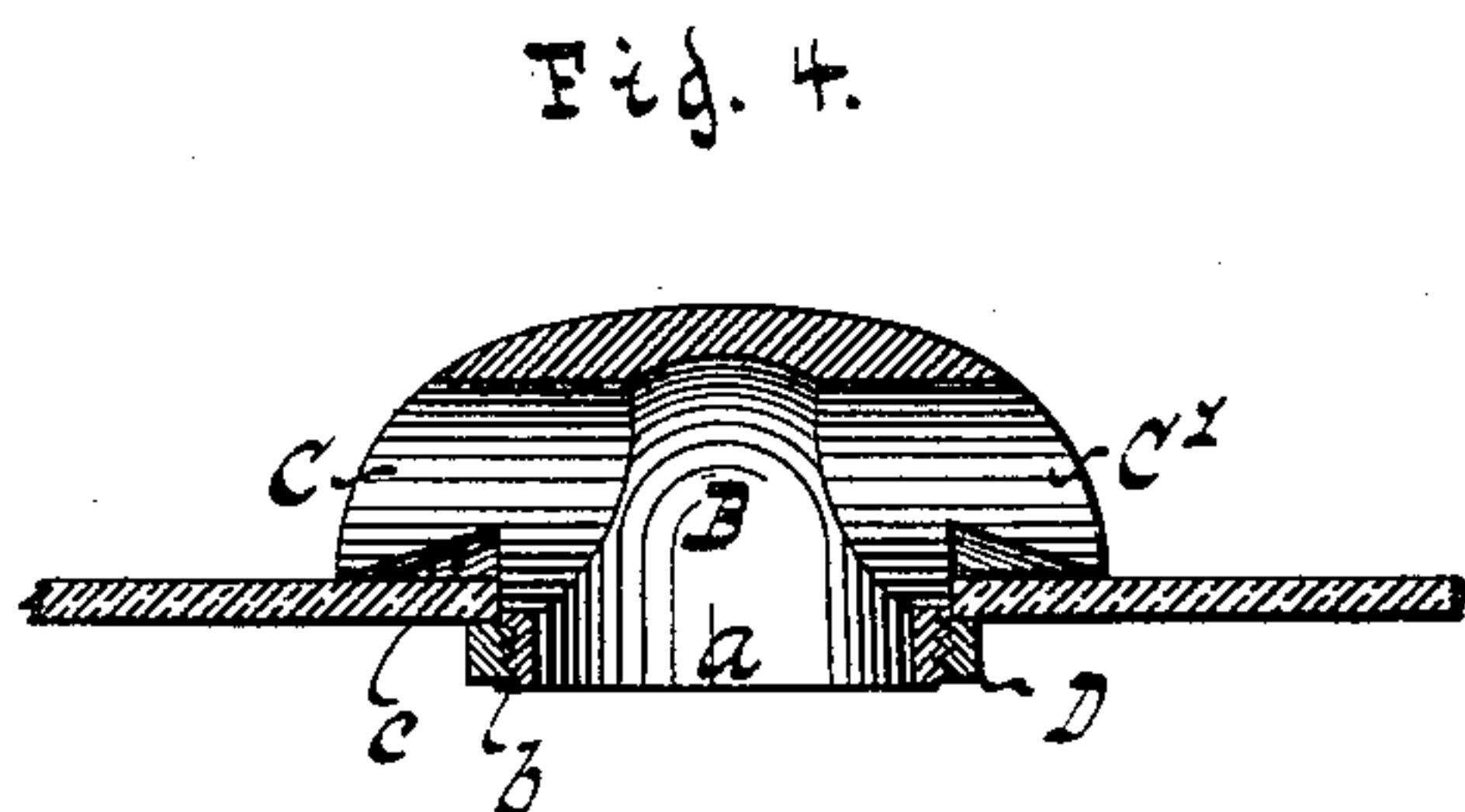
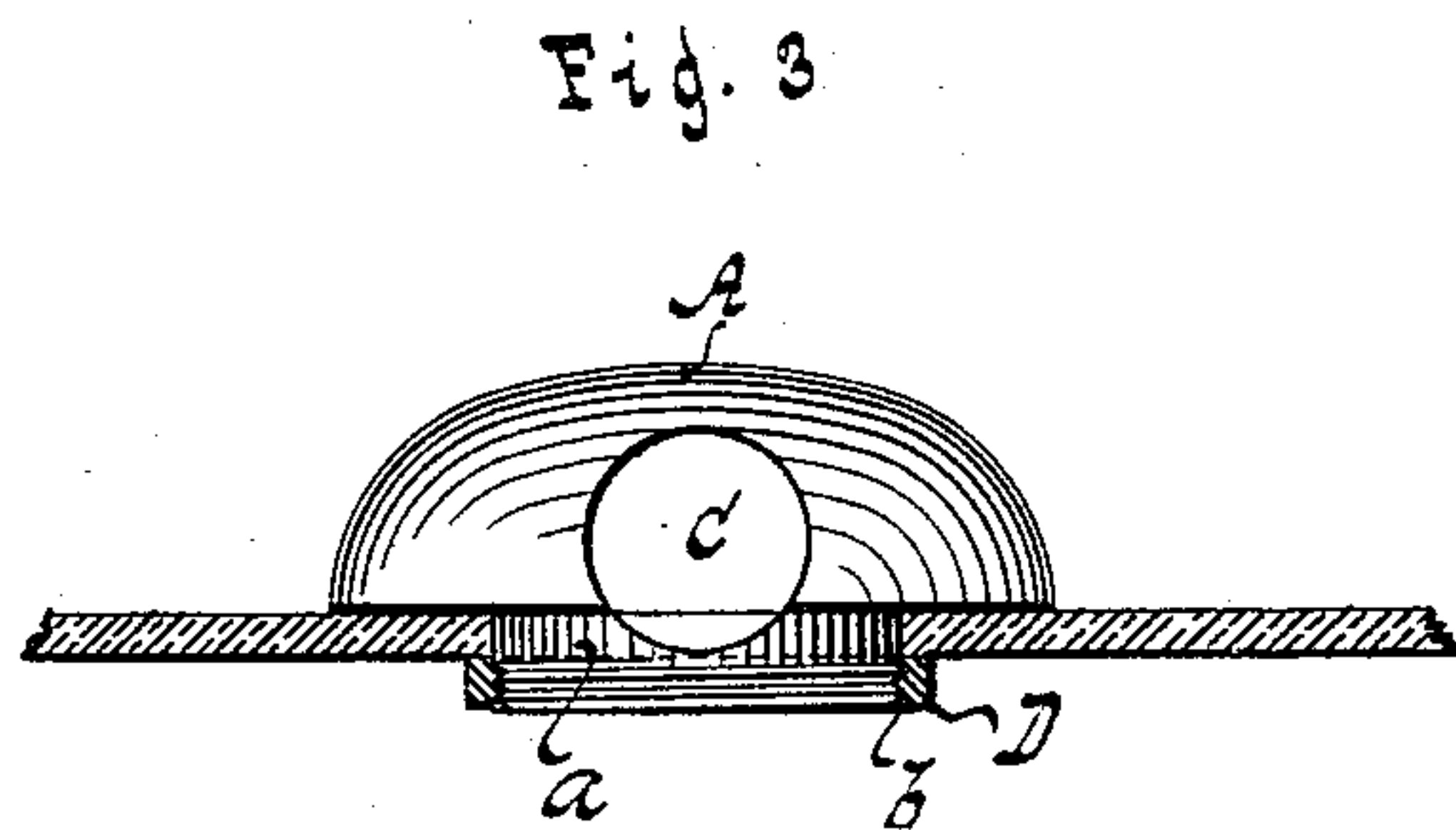
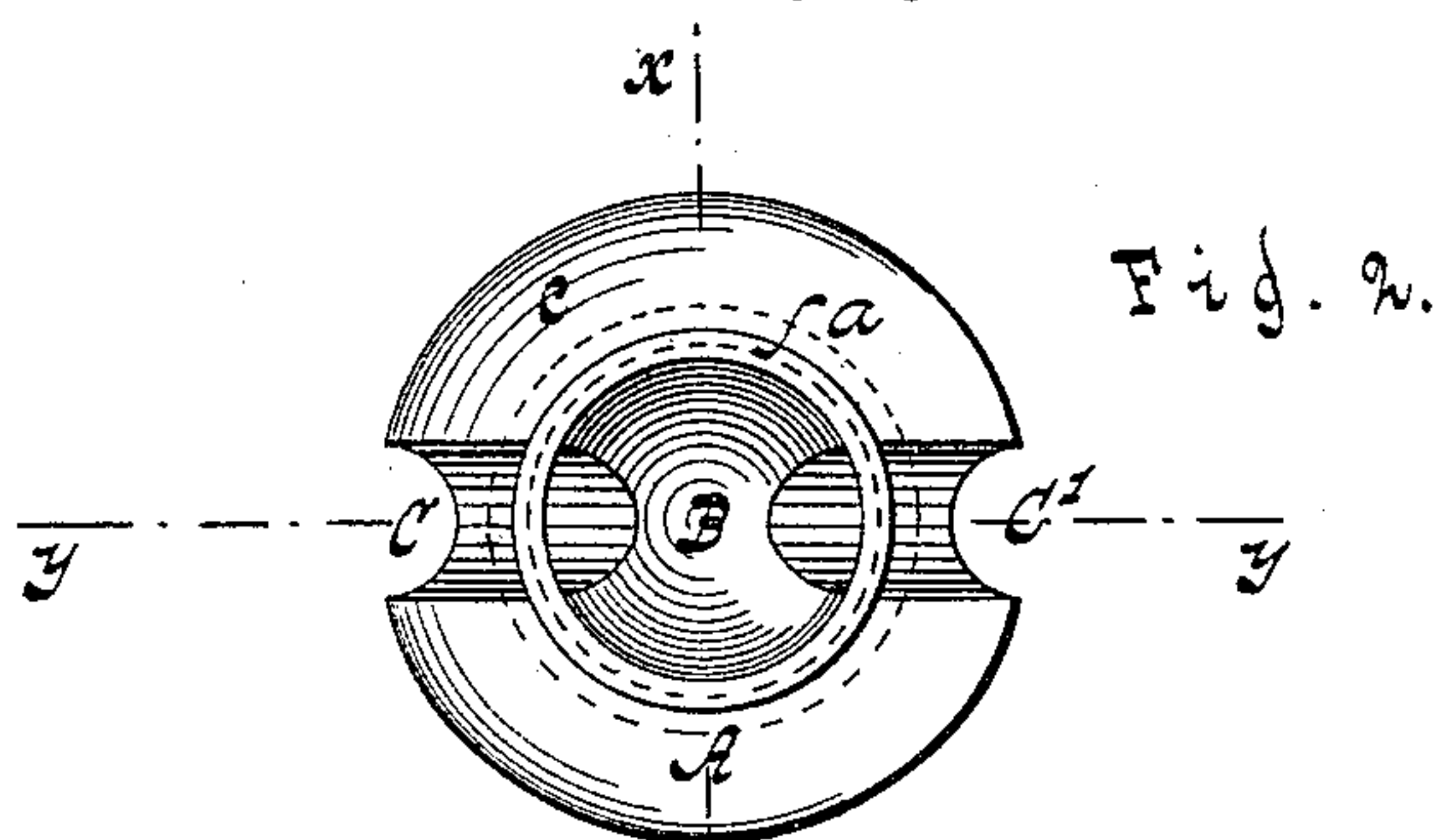
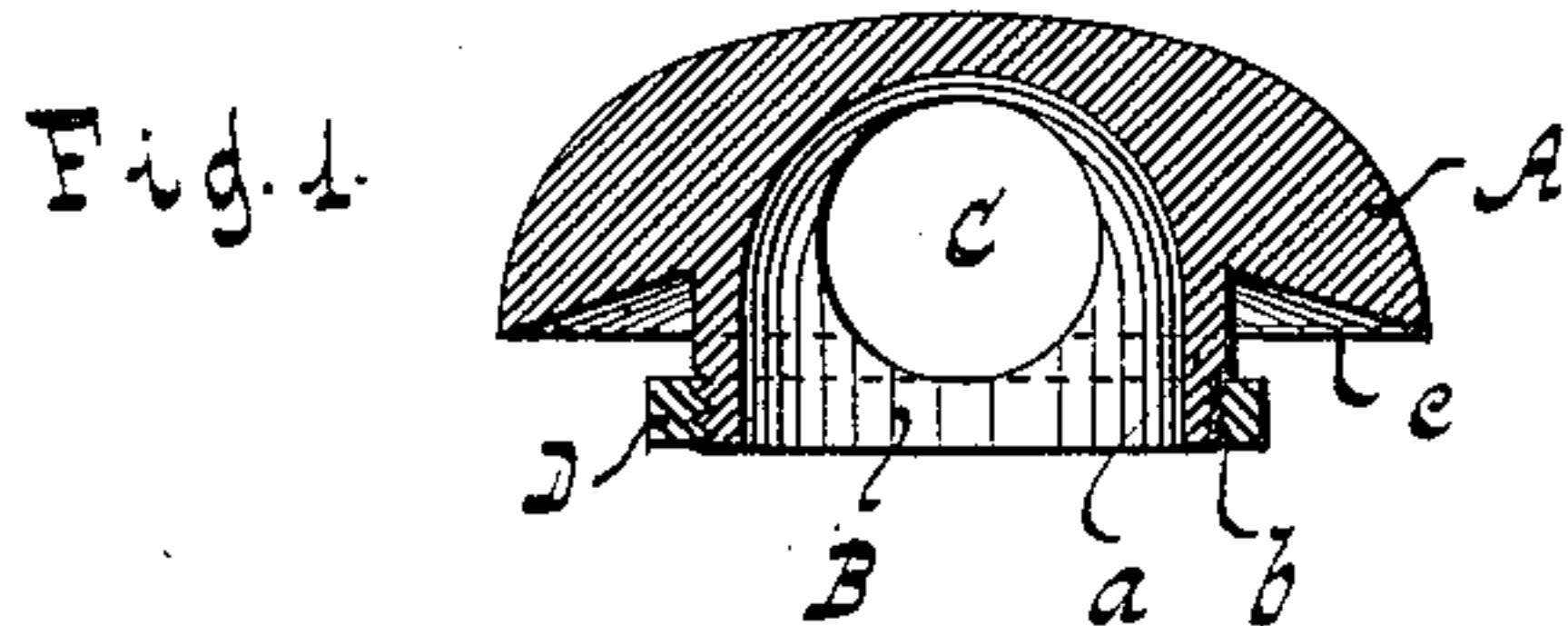


(No Model.)

J. BASCH.  
HAT VENTILATOR.

No. 350,651.

Patented Oct. 12, 1886.



WITNESSES:  
*Ataher du Faurst.*  
*William Miller*

INVENTOR:  
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*Van Santvoord & Haas*  
his ATTORNEYS

# UNITED STATES PATENT OFFICE.

JACOB BASCH, OF EAST NEW YORK, N. Y.

## HAT-VENTILATOR.

SPECIFICATION forming part of Letters Patent No. 350,651, dated October 12, 1886.

Application filed January 7, 1886. Serial No. 187,920. (No model.)

*To all whom it may concern:*

Be it known that I, JACOB BASCH, a citizen of the United States, residing at East New York, in the county of Kings and State of New York, have invented new and useful Improvements in Hat-Ventilators, of which the following is a specification.

My invention relates to improvements in hat ventilators; and it consists, essentially, in a button and shank having therein a cavity which communicates centrally with the interior of the hat, and provided with air-passages which extend radially from said cavity.

The object of my invention is to produce a hat-ventilator which shall add but a slight amount to the weight of the hat and be easily attached to or removed from the hat, while at the same time its value as a ventilating medium is a maximum. This I have accomplished by the device above briefly described, the specific construction of which is more fully pointed out in the following specification and claim, and illustrated in the accompanying drawings, in which—

Figure 1 is a transverse vertical section in the plane  $x x$ , Fig. 2, of my improved hat-ventilator. Fig. 2 is an inverted plan view of the same. Fig. 3 is an end view thereof, showing the manner of securing the same to a hat. Fig. 4 is a vertical section in the plane  $y y$ , Fig. 2.

Similar letters indicate corresponding parts.

In the drawings, the letter A designates the button, and  $a$  is the shank of the ventilator, which may be constructed of any suitable material; but in the example shown I have constructed the ventilator of wood.

B is a cavity extending through the shank and into the button, and communicates with the interior of the hat when the ventilator is properly secured to the crown of the same, Figs. 3 and 4. Extending from this cavity, and opening into the outer atmosphere, are two or more air-passages, C C', one of which serves as a duct for the ingress of cool fresh

air, while the other leads off the air from the interior of the hat, which air has been heated by contact with the head, thus establishing a continuous current of air within the hat.

To secure the ventilator to the hat a hole, Figs. 3 and 4, is formed in the latter into which the shank  $a$  is inserted, so as to project beyond the interior surface of the hat, the said shank being provided with external screw-threads  $b$ , and a nut, D, is screwed thereon and draws the button firmly down upon the hat. As shown in the drawings, the shank  $a$  is smaller in diameter than the button, and a conical recess,  $c$ , extends in the button, while the cavity B is made as great in diameter as the diameter of the shank will allow, all of which is for the purpose of decreasing the weight of the ventilator. When made of sheet metal, the button is constructed to conform to the outlines shown in the drawings.

It is readily perceivable that a ventilator constructed as shown will serve its purpose with the best results, while at the same time it weighs but little, is simple in construction, and can therefore be produced at a slight cost per article, and possesses other evident advantages over the heavy complicated ventilators now in use.

What I claim as new, and desire to secure by Letters Patent, is—

In a hat-ventilator, the combination, with the button A, having an annular screw-threaded shank,  $a$ , and a cavity, B, formed in said button and shank and communicating centrally with the interior of the hat, said cavity being provided with radial air-passages C C', of a nut, D, to engage the threaded shank, substantially as described.

In testimony whereof I have hereunto set my hand and seal in the presence of two subscribing witnesses.

JACOB BASCH. [L. S.]

Witnesses:

W. HAUFF,

E. F. KASTENHUBER.