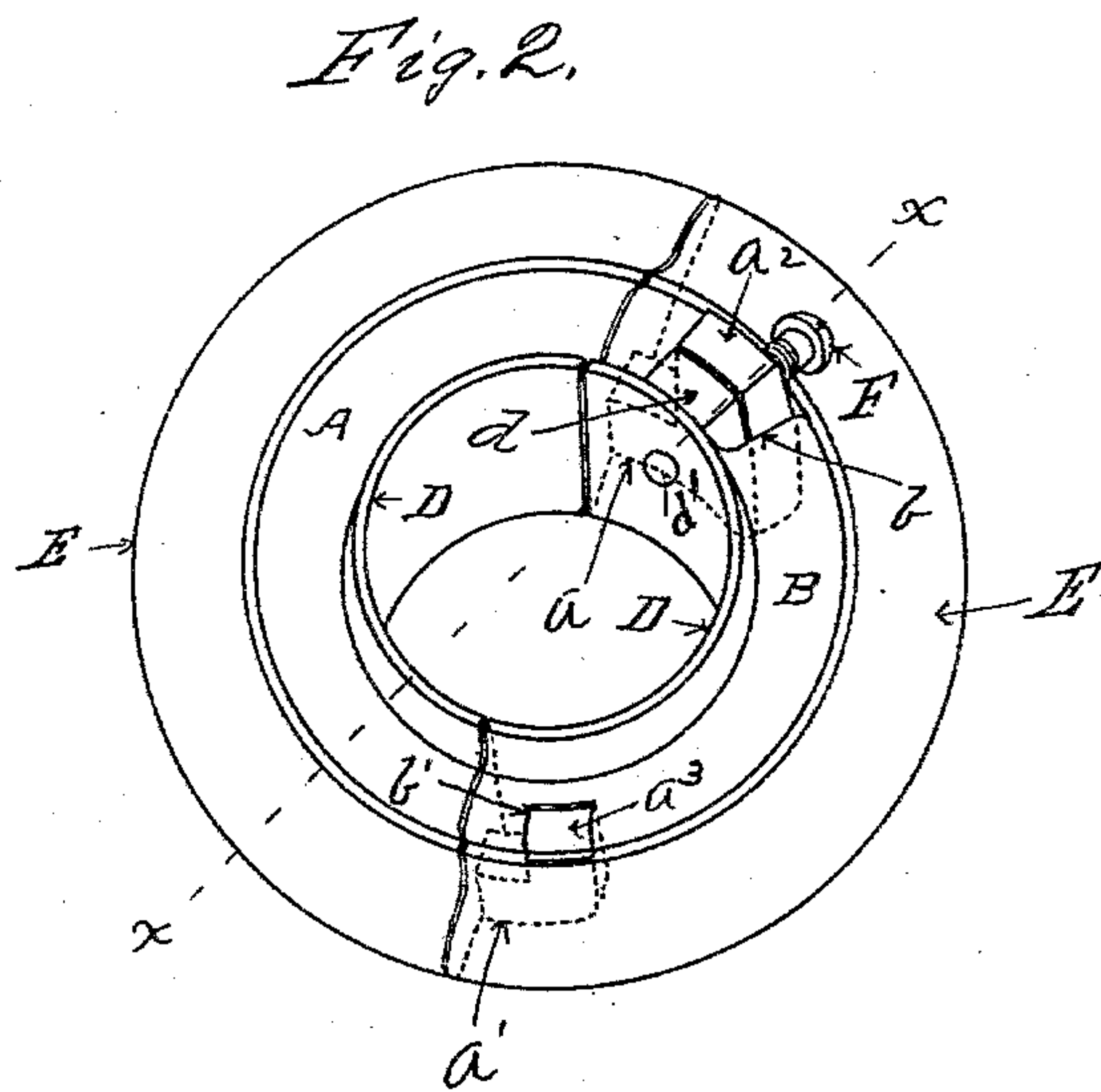
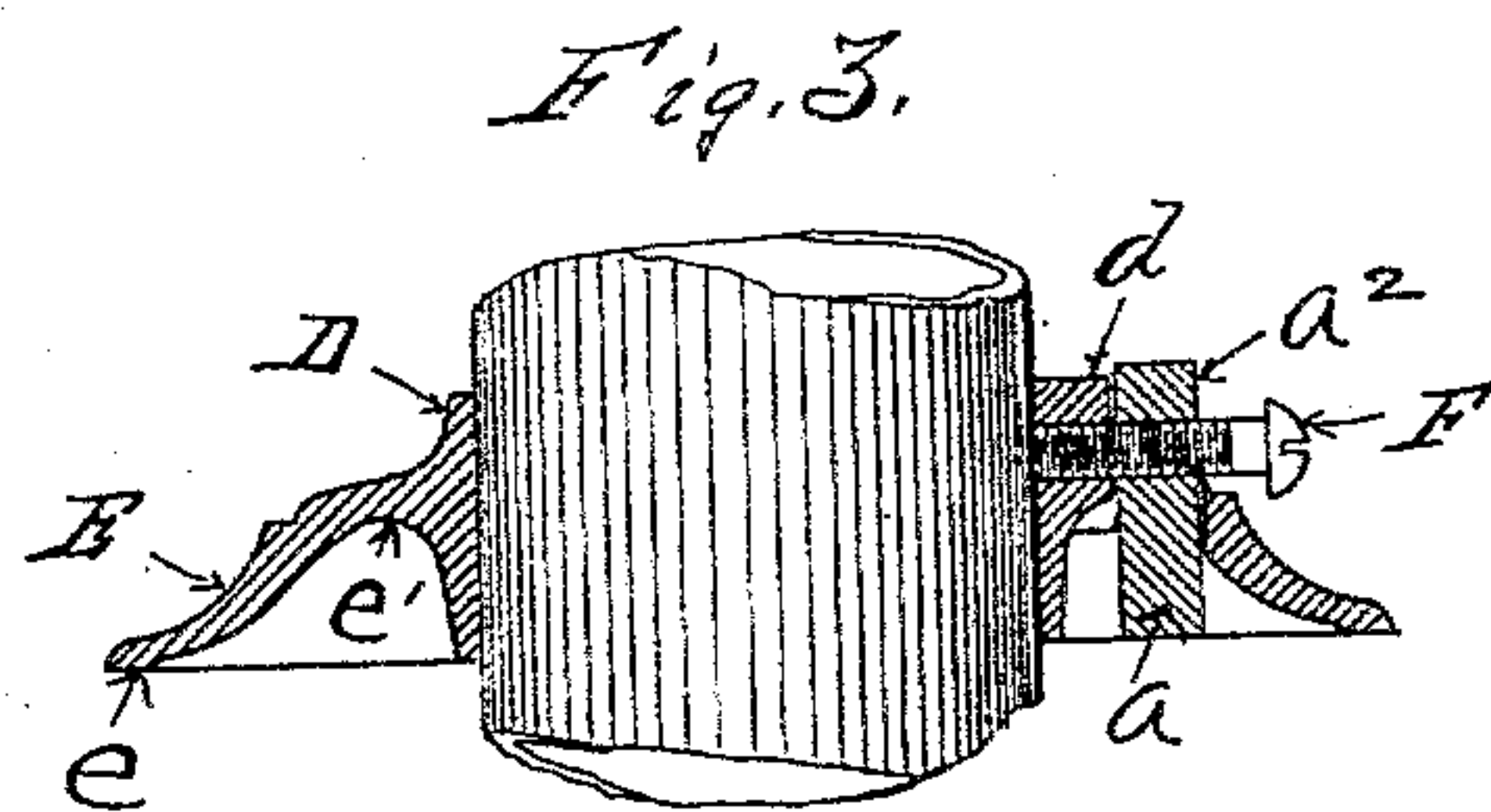
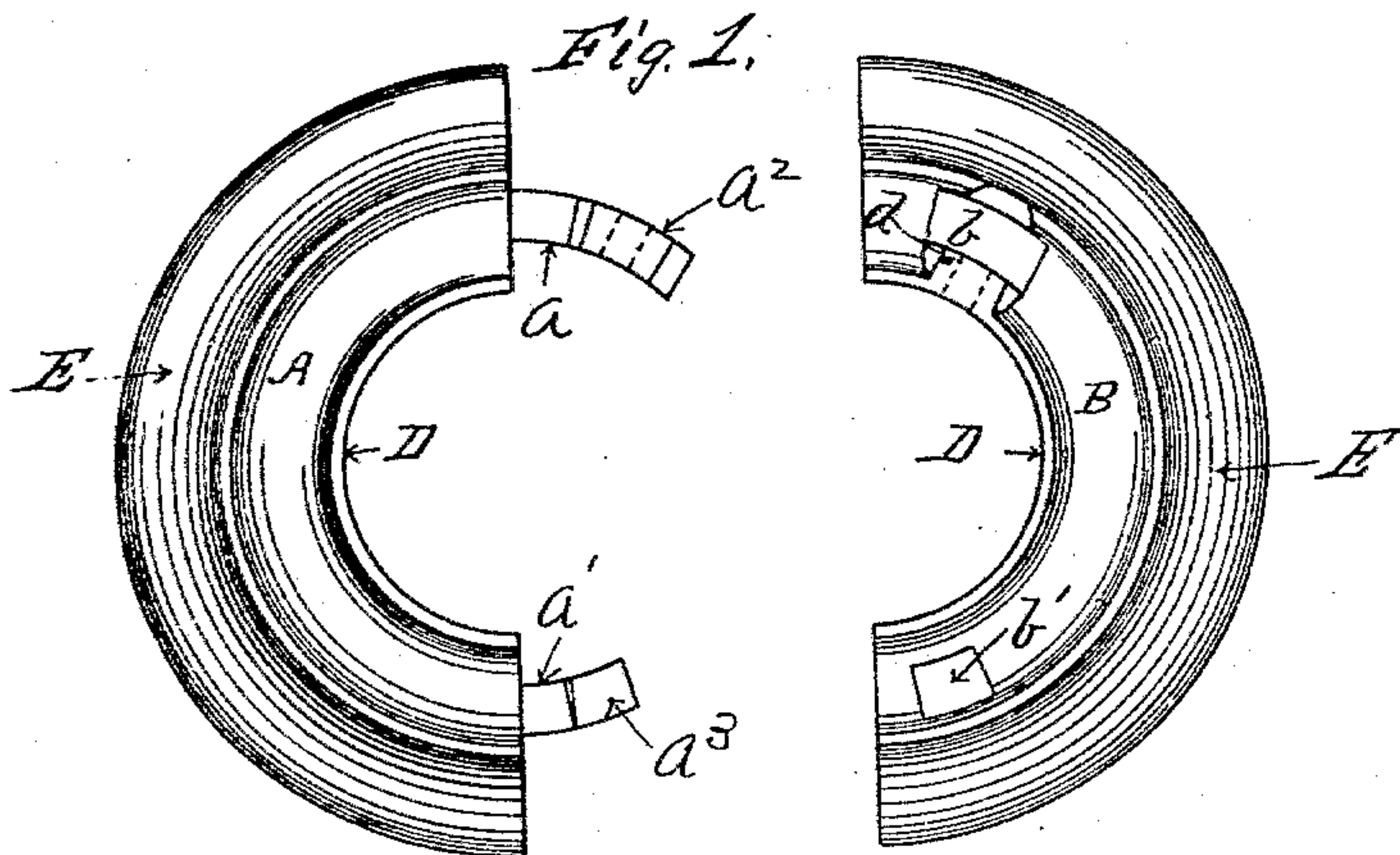


(No Model.)

A. JARECKI.
CEILING AND FLOOR PLATE.

No. 571,766.

Patented Nov. 24, 1896.



WITNESSES:

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ALEXANDER JARECKI, OF ERIE, PENNSYLVANIA.

CEILING AND FLOOR PLATE.

SPECIFICATION forming part of Letters Patent No. 571,766, dated November 24, 1896.

Application filed July 30, 1896. Serial No. 601,112. (No model.)

To all whom it may concern:

Be it known that I, ALEXANDER JARECKI, a citizen of the United States, residing at the city of Erie, in the county of Erie and State of Pennsylvania, have invented certain new and useful Improvements in Ceiling and Floor Plates; 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, reference being had to the accompanying drawings, and to the letters of reference marked thereon, forming part of this specification.

This invention relates to improvements in ceiling and floor plates for steam and water pipes; and it consists in the improvements in the construction thereof hereinafter shown and described, whereby the cheapness of the construction and the utility of the article are greatly enhanced, and the halves of the plate can be secured to each other and to a pipe and retained in place thereon on the same horizontal plane without either half thereof inclining downward from the other. These results are accomplished by constructing one segment or half with arms which extend some distance beyond the ends of the segment, where they are provided with upturned ends, which pass through holes in the other segment, one of these arms being provided with a set-screw passing through the upturned end thereof and through the flange of the plate adjacent to the pipe, so that the end thereof contacts with the pipe, this screw operating both to hold the segments of the plate together and at the same time to secure it in place upon the pipe.

The accompanying drawings illustrate this invention, in which—

Figure 1 shows a plan view of the under surfaces of the two halves or segments of a ceiling-plate embodying this invention. Fig. 2 shows a perspective view of the plate when the two halves thereof are secured together. Fig. 3 shows a transverse section of the same, on the line $x x$ in Fig. 2, secured to a pipe as a floor-plate.

In the construction of the improved ceiling and floor plate illustrated in said drawings, A and B are the two halves or segments of

the plate, consisting of the vertical collar D and the ogee flange E, projecting outward therefrom, the periphery e of said flange being adapted to fit closely against a ceiling or floor. To the inside e' of the flange E on the half A of the plate are secured curved arms a and a' , having upturned lugs a^2 and a^3 , and in the half B of the plate are rectangular slots or openings $b b'$, into which the lugs a^2 and a^3 fit when the two halves of the plate are placed together, and on the outside of the collar D, and forming the inner face of the opening b through the half B of the plate, is a projection d , against the outer face of which the inner face of the lug a^2 contacts, and through the lug a^2 , the projection d , and the collar D, I make a screw-threaded opening d' , in which a screw F is placed, which operates to retain the lug a^2 in position in the slot b when the halves of the plate are placed together, the end of said screw being also adapted to contact with the pipe upon which the plate is placed and retain it in place thereon, these features being clearly illustrated in Figs. 2 and 3 of the drawings.

It is obvious that the lugs a^2 and a^3 and the retaining-screw F, being considerably to one side of the line upon which the halves or segments of the plate divide, operate not only to hold the segments or halves of the plate together, but effectually prevent one half of the plate tipping or inclining with relation to the other, so that the two halves of the plate are at all times retained relatively in the same plane.

Having thus fully described this invention, so as to enable others to construct and use the same, what I claim as new, and desire to secure by Letters Patent of the United States, is—

1. A ceiling and floor plate, made in two segments or halves, curved arms on one of said halves, having upturned lugs on the ends thereof, and slots or openings in the other of said halves, adapted to receive the lugs on the arms of the first-named half, and a set-screw passing through one of said lugs, and a collar on said plate, substantially as and for the purpose set forth.

2. In a ceiling and floor plate, segmental sections A and B, formed of a collar D and an

ogee flange E, arms a and a' on the section A, upturned lugs a^2 and a^3 on said arms, slots b and b' in the section B to receive the lugs a^2 and a^3 , and a set-screw F passing through
5 the lug a^2 , and through the collar D on the section B, substantially as and for the purpose set forth.

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

ALEXANDER JARECKI.

Witnesses:

FRED EINFELDT,
C. B. HAYES.