

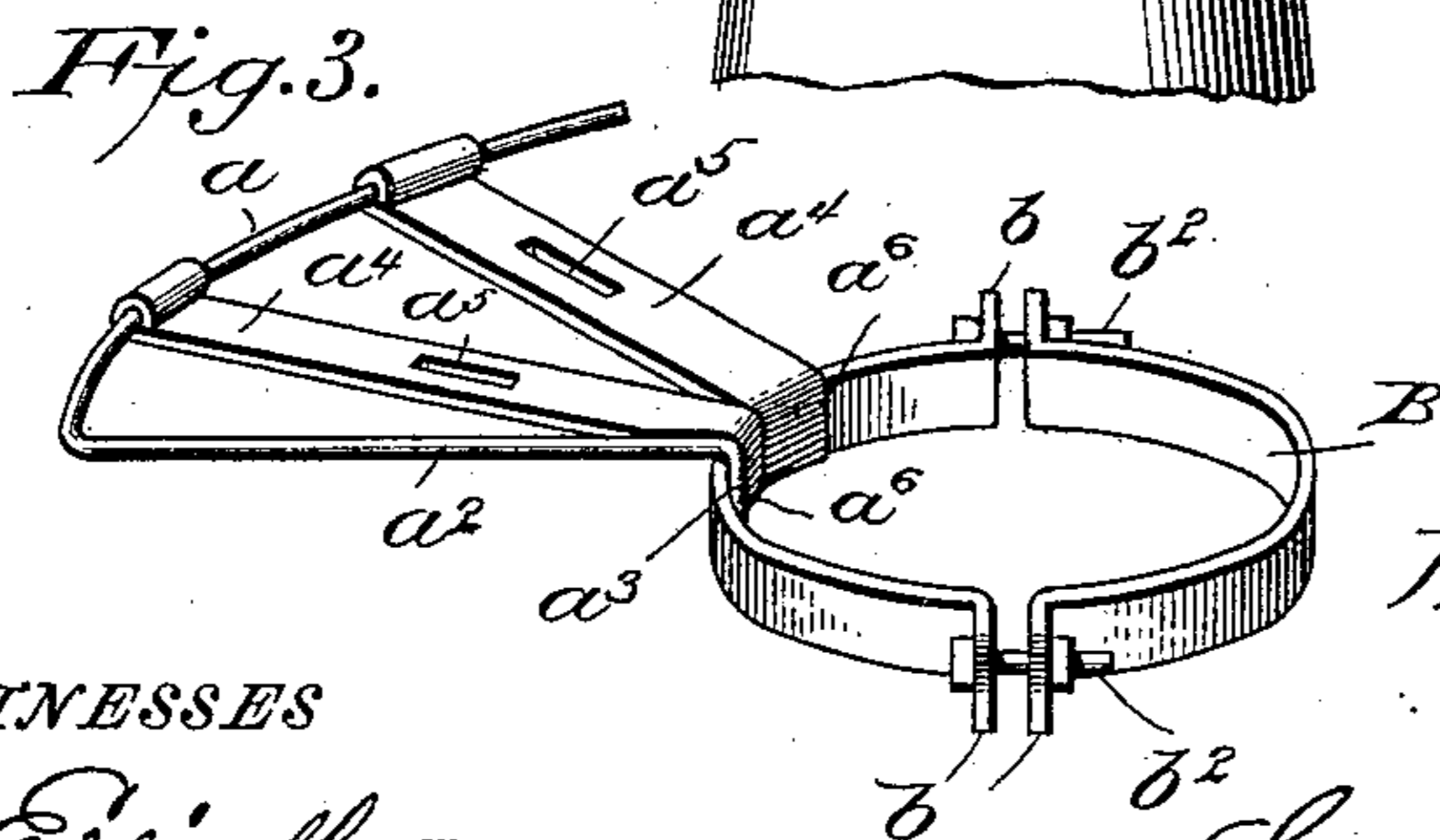
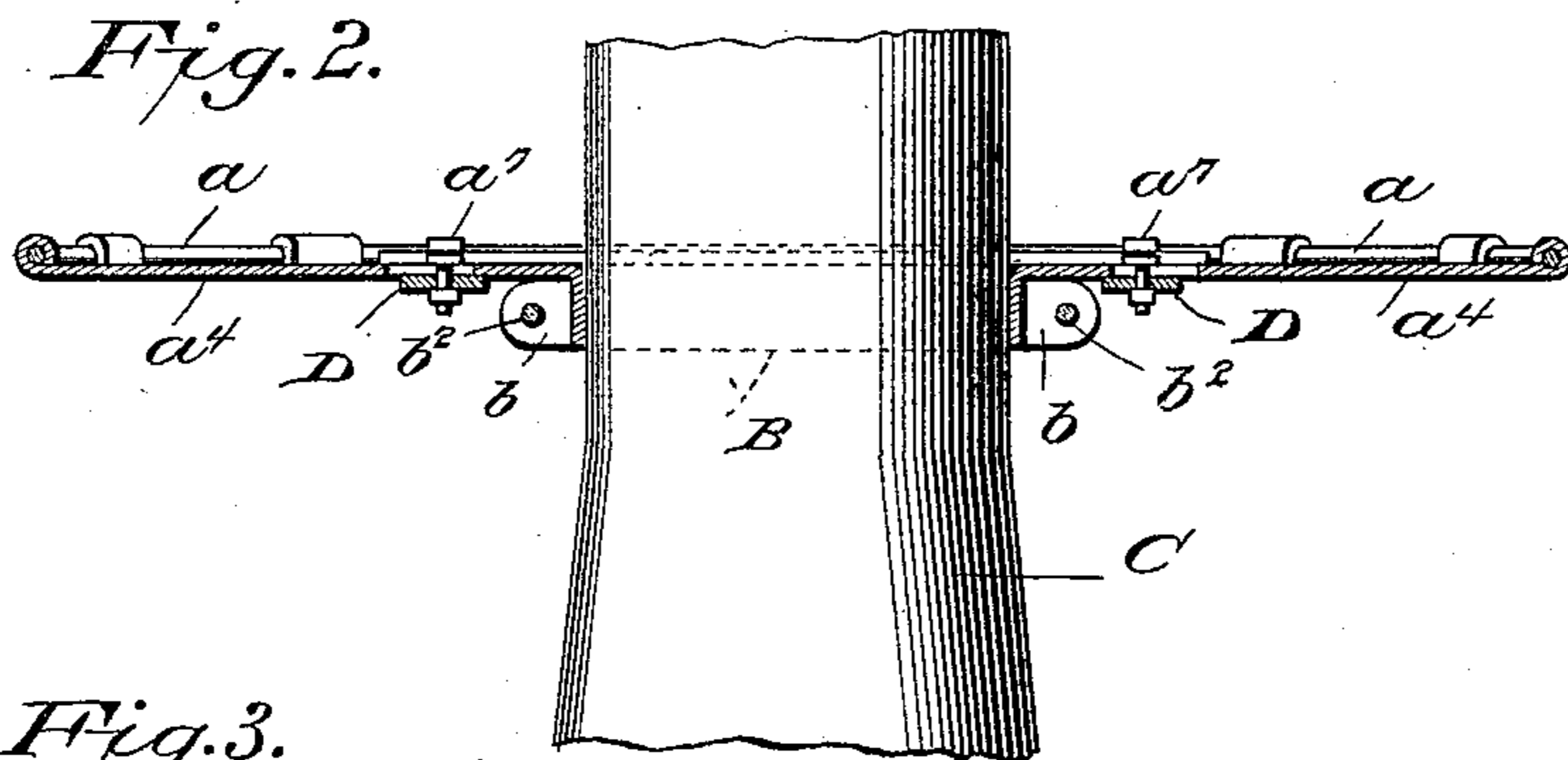
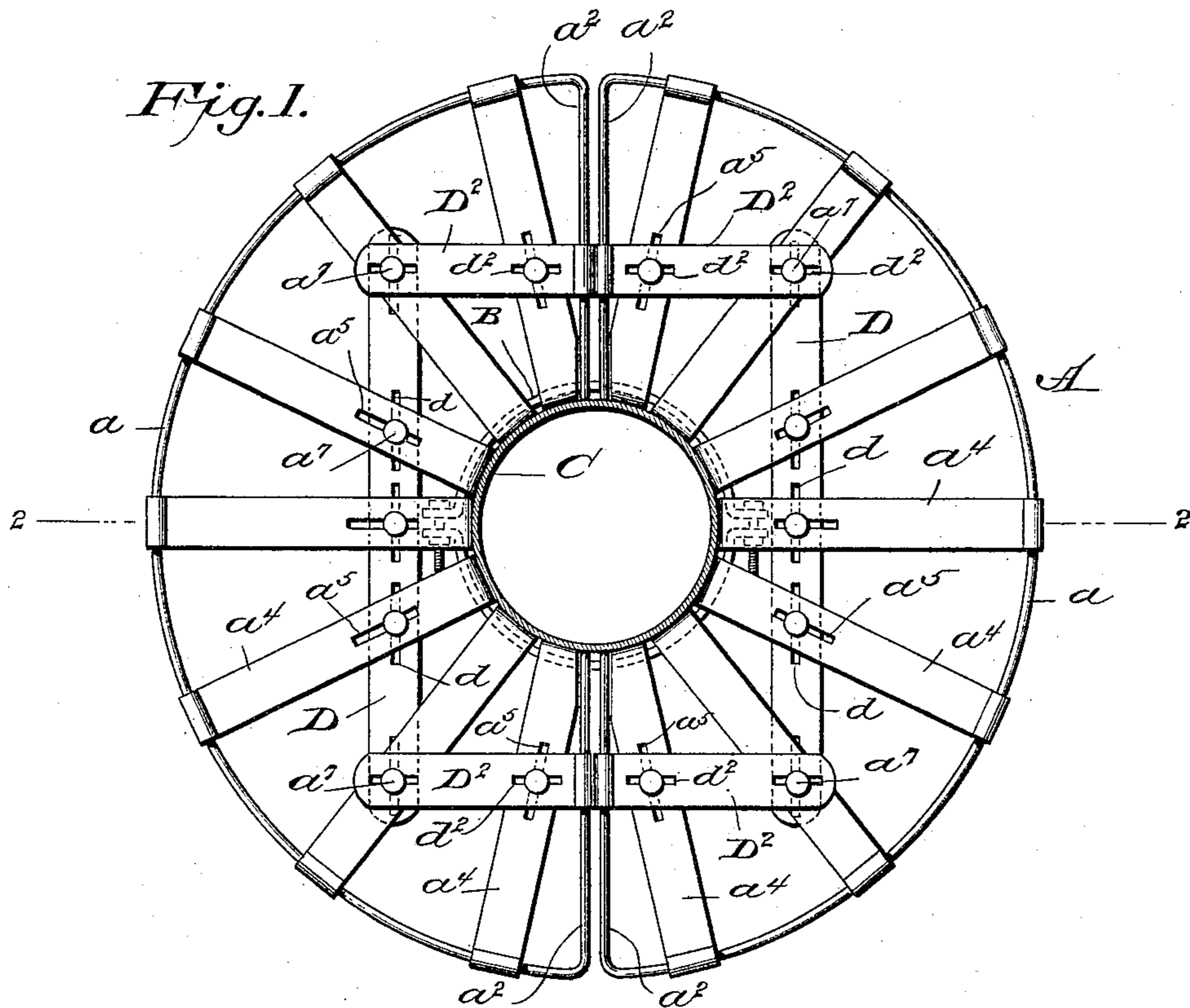
No. 616,788.

Patented Dec. 27, 1898.

W. HAAS.
STOVEPIPE SHELF.

(Application filed Mar. 13, 1897. Renewed Aug. 27, 1898.)

(No Model.)



WITNESSES
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WILLIAM HAAS, OF LYNDON, KANSAS.

STOVEPIPE-SHELF.

SPECIFICATION forming part of Letters Patent No. 616,788, dated December 27, 1898.

Application filed March 13, 1897. Renewed August 27, 1898. Serial No. 689,702. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM HAAS, a citizen of the United States of America, residing at Lyndon, in the county of Osage and State of Kansas, have invented certain new and useful Improvements in Stovepipe-Shelves; 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 letters of reference marked thereon, which form a part of this specification.

This invention relates to stovepipe-shelves.

The object is to provide a shelf that may be firmly secured in position upon a stovepipe of any shape in cross-section, which may be readily adjusted vertically, so as to bring it to any desired proximity to the stove, and which will combine efficiency and durability of production.

The invention consists in the novel construction and combination of parts of a stovepipe-shelf, as will be hereinafter fully described and claimed.

In the accompanying drawings, forming a part of this specification, in which like letters of reference indicate corresponding parts, Figure 1 is a view in plan, displaying the shelf as it appears when attached to a pipe and ready for use. Fig. 2 is a view in sectional elevation, taken on the line 2 2 of Fig. 1, showing the shelf attached to the pipe. Fig. 3 is a perspective detail view of a portion of the shelf, displaying more particularly the clamping-ring and the plates in engagement therewith.

Referring to the drawings, A designates the rim of the shelf, the same comprising two semicircular sections a , made, preferably, of wire and having their ends bent inward toward each other to form arms a^2 and then at right angles to constitute toes a^3 for engaging a clamping-ring B. Secured to each of these sections a , preferably by having their outer ends bent around them, is a series of

radially-disposed supporting-plates a^4 , provided with longitudinal slots a^5 and with toes a^6 , also for engaging the ring B, the latter being made, in this instance, in two sections, the ends whereof are outturned to form ears b , through which bolts b^2 are passed to hold the ring in position on the stovepipe C, as indicated by dotted lines in Fig. 1 and in section in Fig. 2.

Arranged beneath the plates a^4 , when assembled, are two plates D, having longitudinal slots d , corresponding to the number of plates a^4 , under which they will cross, and disposed above these plates a^4 are four other plates D^2 , having longitudinal slots d^2 , also corresponding to the number of plates over which they cross, the slots d and d^2 registering with the slots a^5 , so as to permit of bolts a^7 being passed through each of the three sets of slots to hold the sets of plates assembled, as shown in Fig. 1.

In mounting the shelf on a stovepipe the collars B operate as a means for holding the shelf in position as the toes a^3 of the rim B and the toes a^6 of the plates a^4 are clamped between the collar and the pipe, and when the bolts b^2 of this collar are tightened the shelf will be secured to the pipe. The plates D D are then adjusted in the described manner and the nuts on the bolts a^7 are tightened, thereby clamping all the parts securely together.

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

1. A stovepipe-shelf comprising a sectional rim, radially-disposed supporting-plates having their outer ends secured to the rim and their inner ends bent at right angles thereto, plates arranged above and below the supporting-plates, bolts passed through slots in the three sets of plates and a collar against which the inturned ends of the supporting-plates will bear when the parts are assembled, substantially as described.

2. A stovepipe-shelf comprising a sectional rim A, having arms a^2 and toes a^3 radially-

disposed supporting-plates a^4 secured to the rim and having slots a^5 and toes a^6 , plates D, arranged beneath the supporting-plates and having slots d , plates D^2 arranged above said
5 supporting-plates and having slots d^2 , bolts a^7 passed through the slots of the three sets of plates, and a sectional clamping-collar B, against which the toes a^3 and a^6 bear when

the parts are assembled, substantially as described. 10

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

WILLIAM HAAS.

Witnesses:

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