

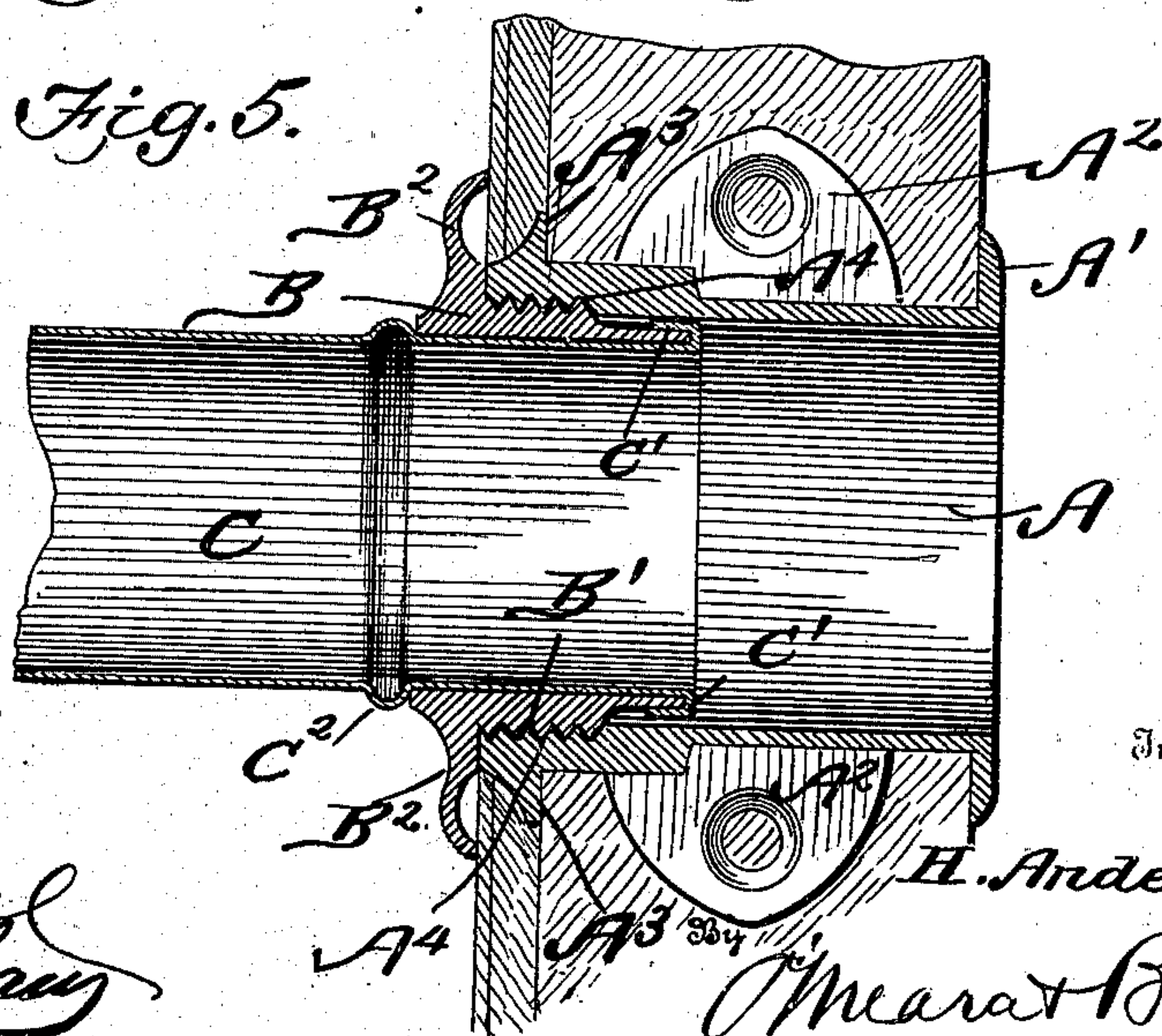
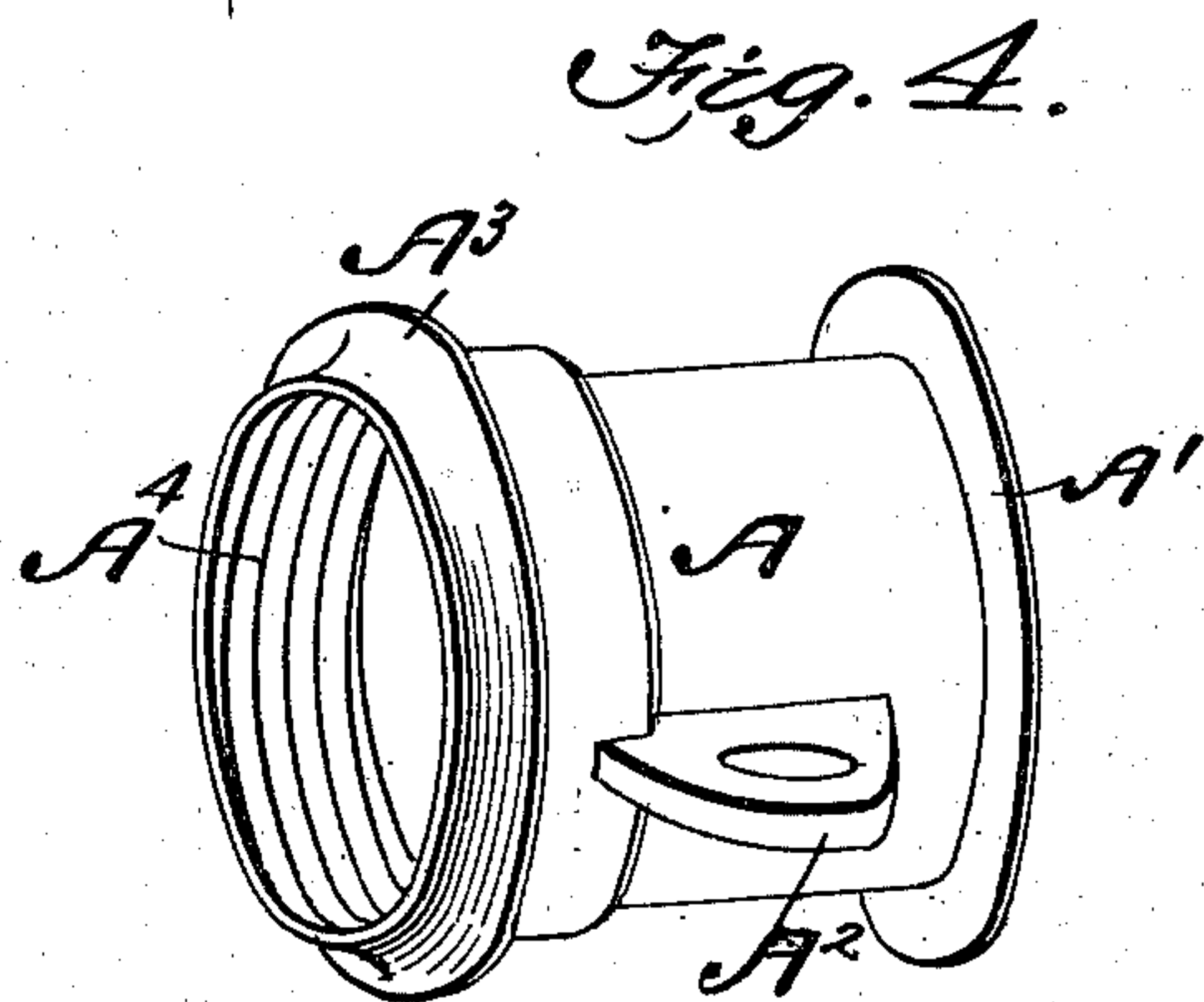
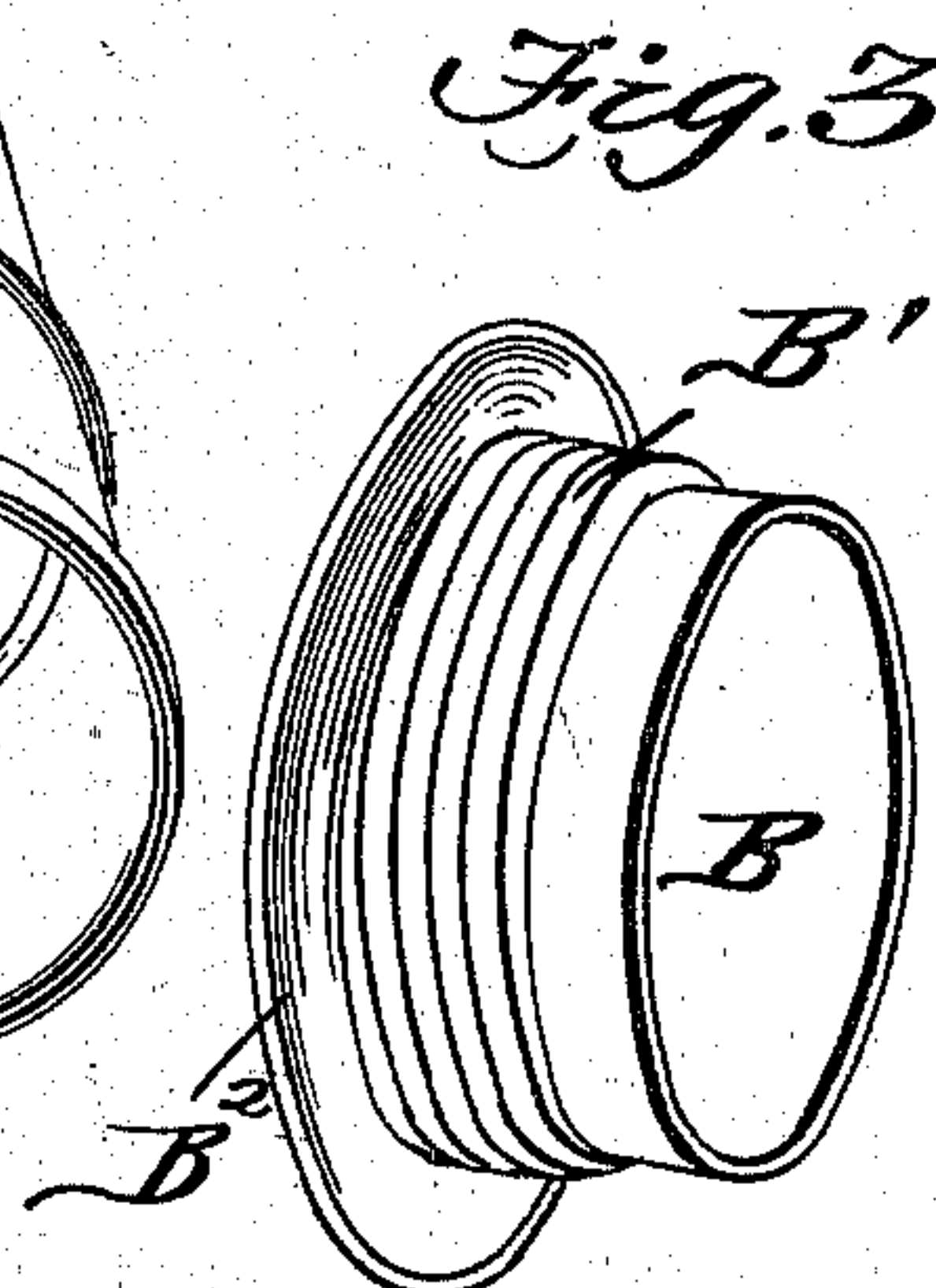
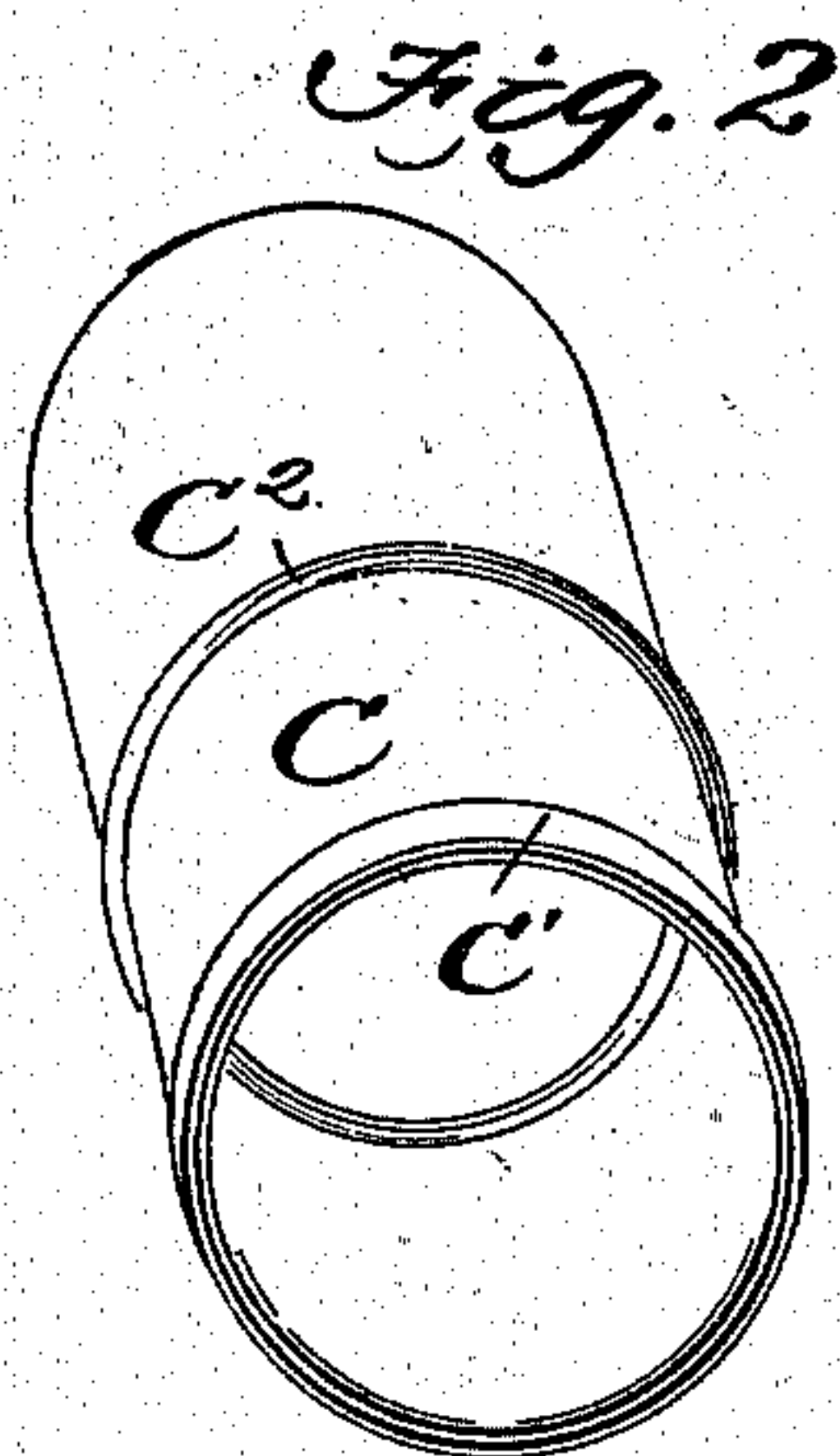
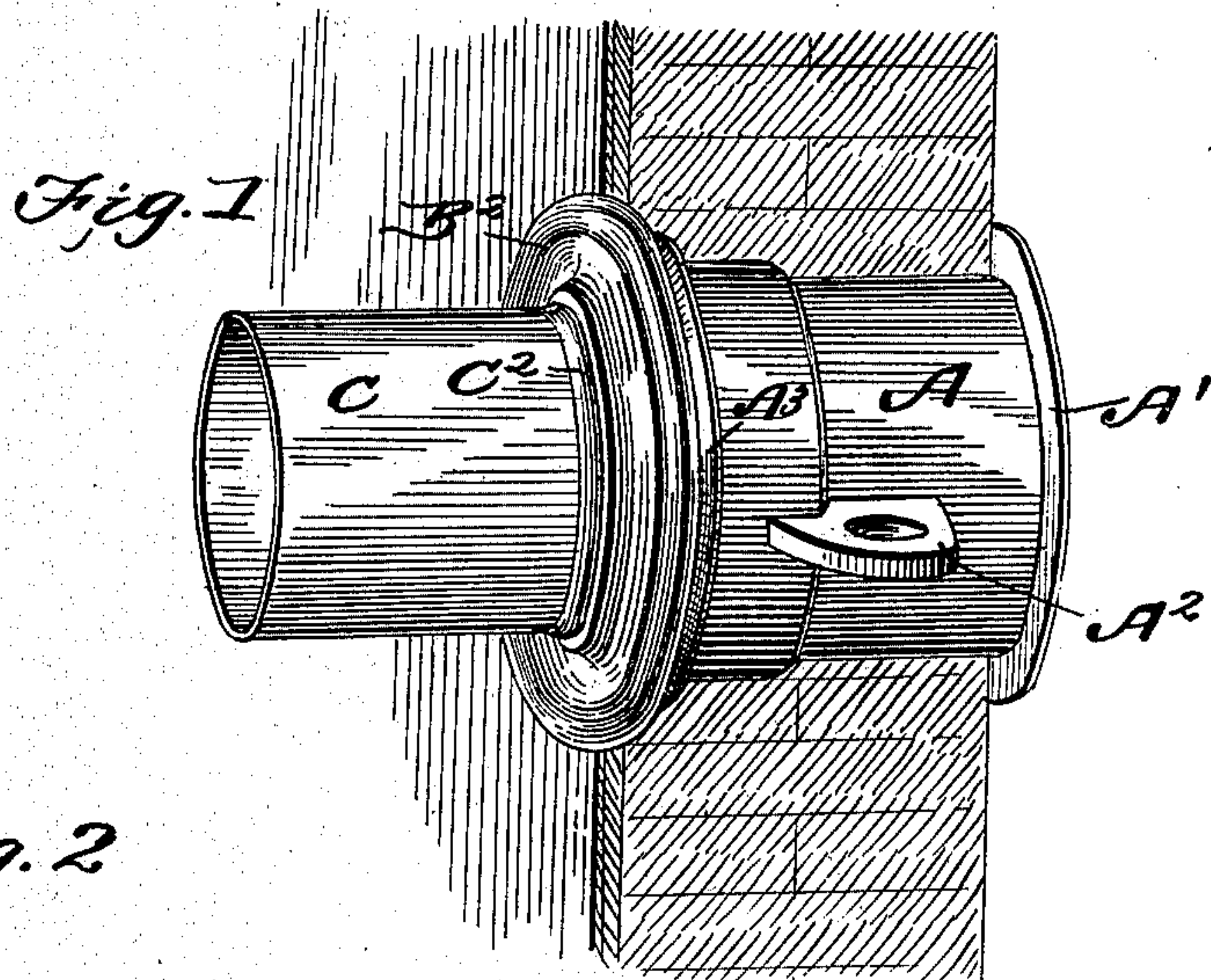
No. 732,912.

PATENTED JULY 7, 1903.

H. ANDERSON.
CHIMNEY FLUE THIMBLE.

APPLICATION FILED MAY 24, 1902.

NO MODEL.



Inventor

H. Anderson.

Mearns & Brock
Attorneys

Witnesses
M. D. Plaudel
Charles H. Shaw

UNITED STATES PATENT OFFICE.

HENRY ANDERSON, OF ADRIAN, ILLINOIS.

CHIMNEY-FLUE THIMBLE.

SPECIFICATION forming part of Letters Patent No. 732,912, dated July 7, 1903.

Application filed May 24, 1902. Serial No. 108,818. (No model.)

To all whom it may concern:

Be it known that I, HENRY ANDERSON, a citizen of the United States, residing at Adrian, in the county of Hancock and State of Illinois, have invented a new and useful Chimney-Flue Thimble, of which the following is a specification.

This invention is an improved construction of chimney-flue thimble, the object being to provide a simple and efficient means for securely fastening a stovepipe into the wall of the flue and preventing its withdrawal or dislocation except in the proper manner, and with this object in view the invention consists in the novel features of construction and combination, all of which will be fully described hereinafter and pointed out in the claims.

In the drawings forming part of this specification, Figure 1 is a perspective view illustrating the manner of arranging my improved flue-thimble in the wall of the flue. Fig. 2 is a detail perspective view showing the end of the stovepipe. Fig. 3 is a view illustrating the collar into which the end of the stovepipe fits. Fig. 4 is a perspective view of the thimble into which the collar screws, and Fig. 5 is a sectional view illustrating the various parts assembled and arranged in the wall of the flue.

In carrying out my invention I employ a metallic thimble A, which has an annular flange A' at its rear end and which is adapted to fit against the inner face of the wall of the flue, and the said thimble is also provided with laterally-projecting ears A², which are adapted to hold the said thimble in place in the wall of the flue, it being understood that the said thimble is introduced when the wall is being built, and the ears A² will normally occupy horizontal positions, as indicated in Fig. 1. The forward end of the thimble is also provided with a flange A³, and the said forward end is threaded internally, as shown at A⁴, said threads extending a considerable distance inwardly. A collar B is threaded externally, as shown at B', and is provided with an ornamental flange B² at its forward end, said collar being adapted to be screwed

into the thimble and carry with it the end section C of the stovepipe, the end of said section being inserted into the collar and turned back upon the edge of the collar, as shown at C', and an expanded crimp C² is produced in the said pipe in advance of the flange B², thereby securely fastening the stovepipe in the collar B, and in order to securely connect the stovepipe to the flue-thimble it is only necessary to screw the collar into the thimble, inasmuch as the said collar has the inner end of the pipe-section securely connected thereto, and it will be noted that the inner end of the collar B is slightly reduced, so that the collar, with the stovepipe turned over thereon, will be readily accommodated by the thimble, as most clearly shown in Fig. 5. Whenever it is desired to disconnect the stovepipe from the flue-thimble, it is only necessary to unscrew the collar from the thimble.

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

1. The combination with the thimble threaded internally at its forward end, of a collar threaded externally and reduced at its inner end, and a pipe-section fitting into the collar, the end of said pipe-section being turned back over the exterior of the inner edge of the collar as specified.

2. The combination with the thimble having flanges at its ends, and laterally-projecting ears intermediate the ends, said thimble being internally threaded at its outer end, of a collar reduced at its inner end and having a flange at its outer end, and threaded externally adjacent to said flange, and a stovepipe-section fitting in the collar, the inner end being turned back over the inner edge of the collar, said pipe being provided with an outwardly-extending crimp or corrugation adjacent to and in advance of the flange upon the collar for the purpose specified.

HENRY ANDERSON.

Witnesses:

HENRY REISELT,
A. E. BARNARD.