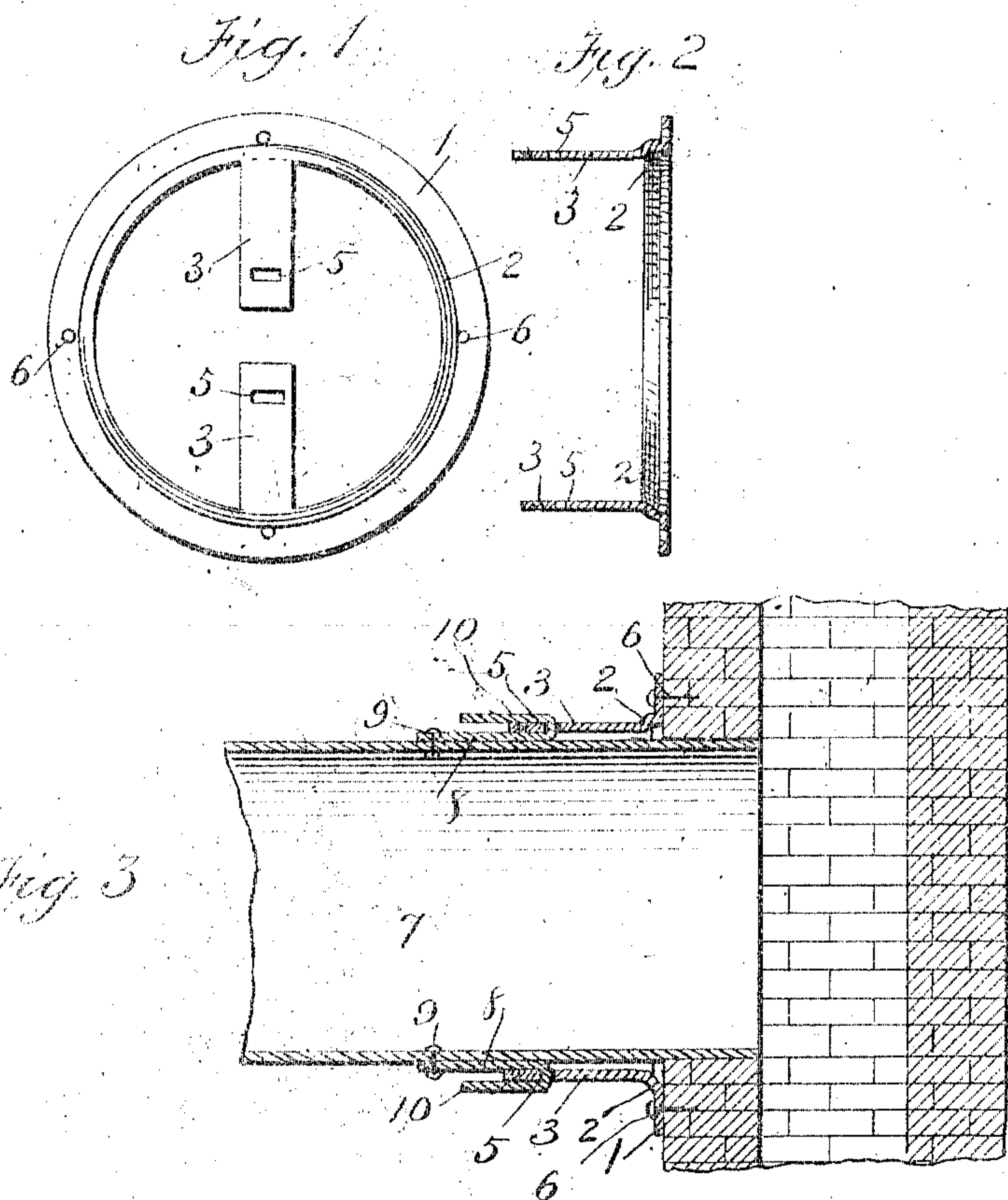


No. 811,537.

PATENTED FEB. 6, 1906.

H. R. AWBREY.
STOVEPIPE THIMBLE.
APPLICATION FILED MAR. 10, 1905.

2 SHEETS-SHEET 1.



Witnesses
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2 SHEETS—SHEET 2.

Fig. 4.

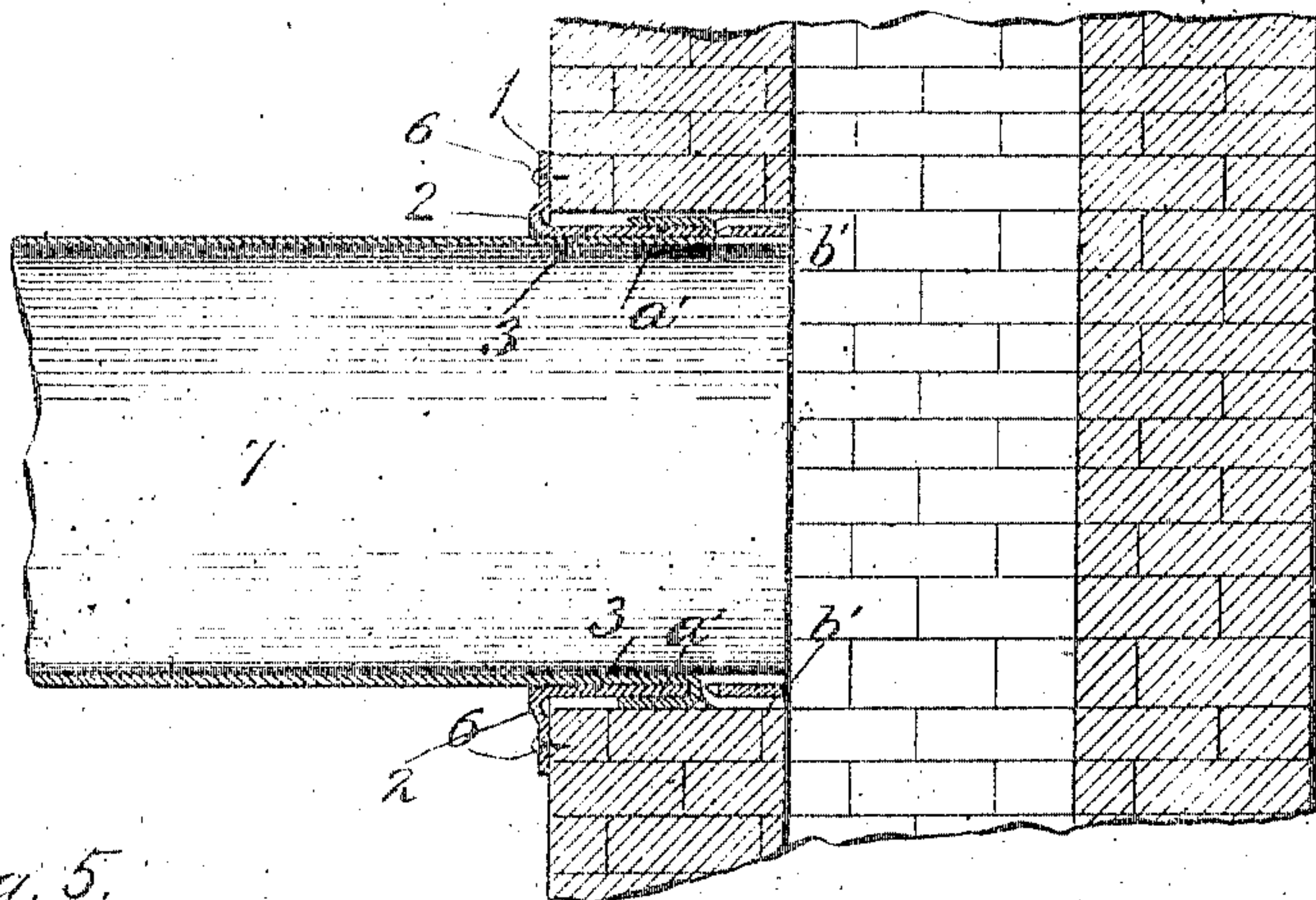


Fig. 5.

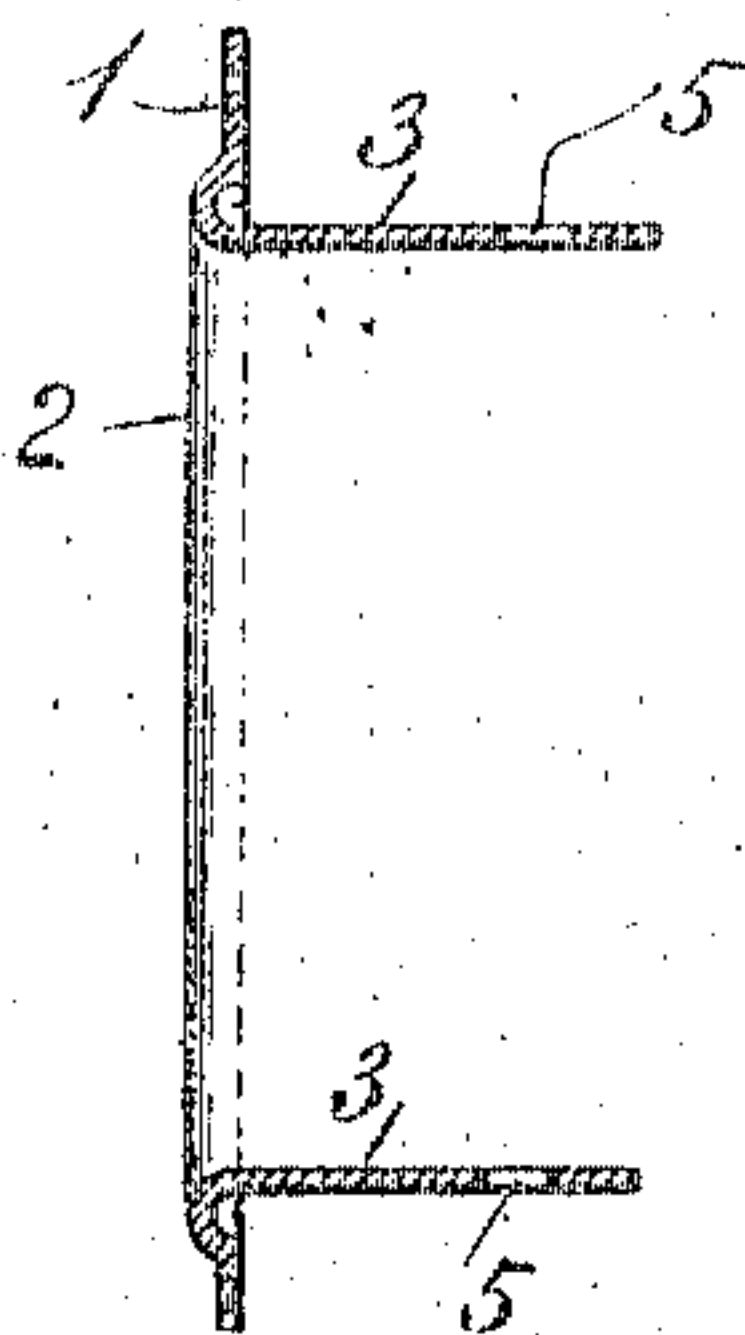


Fig. 6.

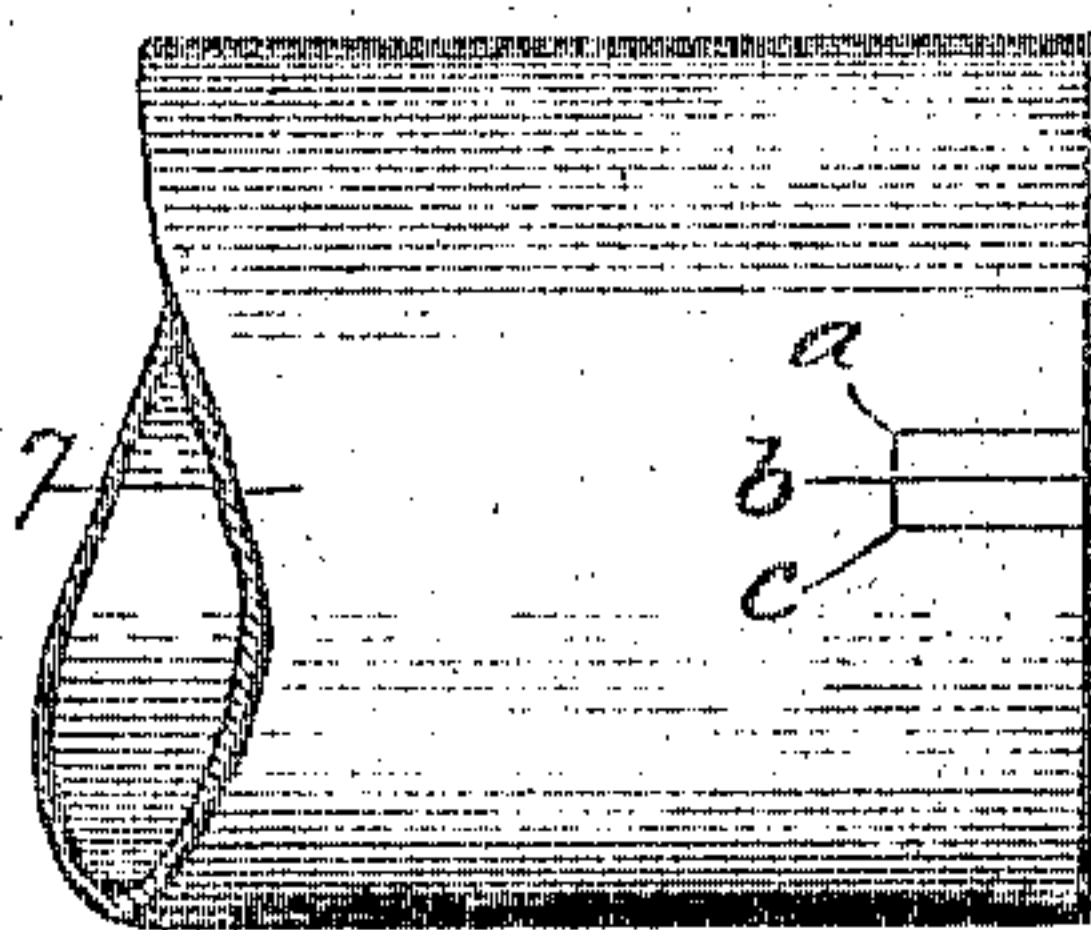
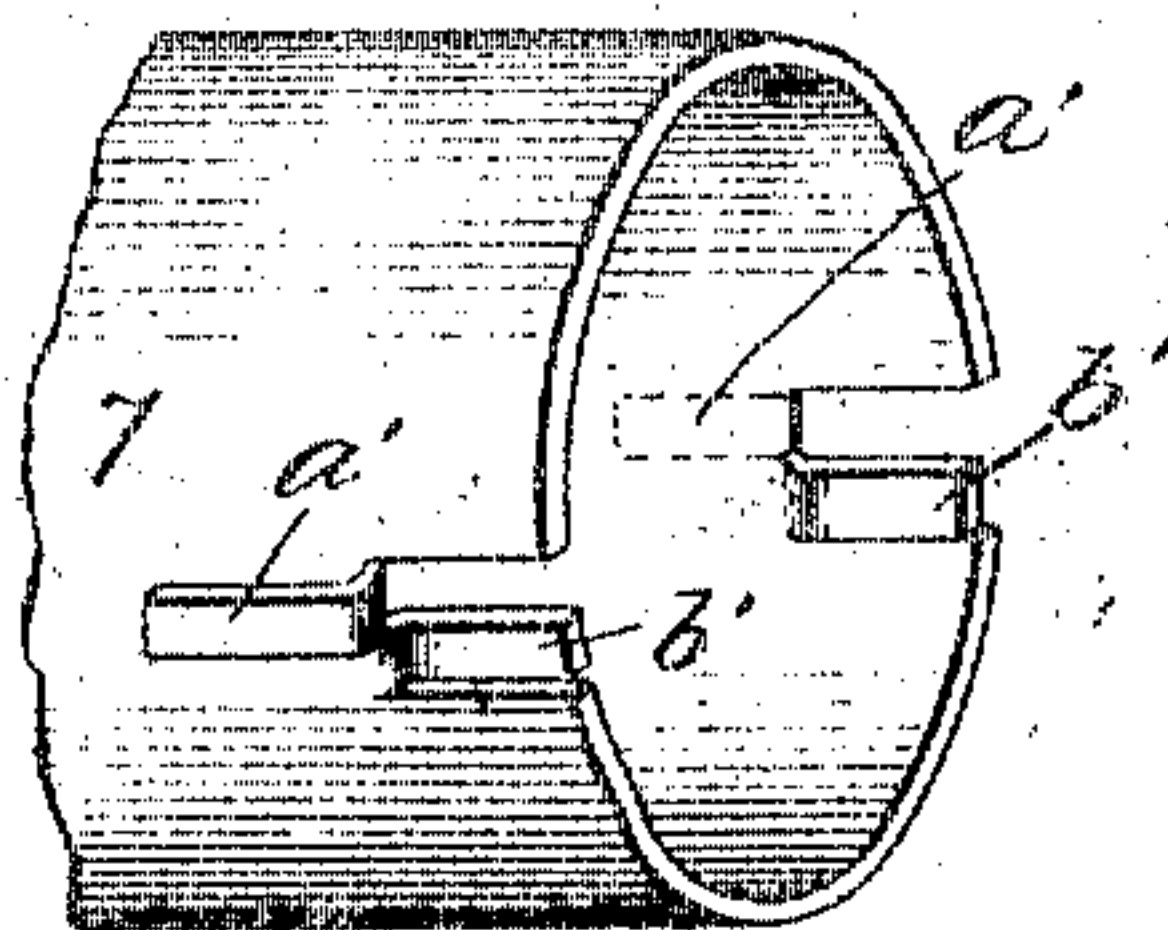


Fig. 7.



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STOVEPIPE-THIMBLE.

No. 811,537.

Specification of Letters Patent.

Patented Feb. 6, 1906.

Application filed March 10, 1905. Serial No. 249,429.

To all whom it may concern:

Be it known that I, HENRY R. AWBREY, a citizen of the United States, residing at Forsyth, in the county of Taney and State of Missouri, have invented new and useful Improvements in Stovepipe-Thimbles, of which the following is a specification.

My invention is a stovepipe-thimble; and it consists in the novel construction and arrangement of its parts, as hereinafter set forth.

In the accompanying drawings, Figure 1 is a face view of my thimble before the arms are bent back into position. Fig. 2 is a sectional view of the thimble, the arms bent back into position. Fig. 3 is a longitudinal sectional view of the stovepipe with tongues secured thereto, a vertical sectional view of the chimney, and a cross-sectional view of the thimble with its arms bent back into position and secured by the tongues. Fig. 4 is a vertical sectional view of a chimney, the end of my stovepipe provided with tongues secured therein by means of my thimble, and its arms turned inwardly and secured by the tongues of the pipe, said pipe, arms, and tongues shown in section. Fig. 5 is a sectional view of a modified form of thimble, the arms turned inwardly. Fig. 6 represents one end of my pipe with slits. Fig. 7 is a perspective view of one end of the pipe shown in Fig. 6, showing the tongues.

My invention is described as follows:

The numeral 1 represents a thimble, 2 a bead on the thimble to make it stronger than it would be if it was made without the bead. 3 represents arms integral with and at right angles from the inner periphery of the thimble, as shown in Fig. 2, the free ends of the arms being provided near their ends with cross-slots 5. The rim of the thimble is provided with perforations 6, by means of which said thimble may be secured to the chimney or wall of the house. The stovepipe 7 has secured to its outer face some distance from the end that enters the flue tongues 8, which are secured to said pipe by means of rivets 9 or other suitable means. The thimble is secured to the chimney or wall by means of bolts, nails, or rivets passing through the perforations 6. The arms 3 extend outwardly—that is, away from the outer wall of the chimney—and lie down against the outer face of the pipe. In applying the pipe the tongues 55 lie flat against the pipe and are turned up a

little at their ends and pass through the cross-slots 5, and when the pipe is in proper position the said tongues 8 are turned back, forming hooks 10, as shown in Fig. 3. I use this form of thimble because I can at any time quickly and easily turn the said tongues forward and withdraw the pipe and clean it or repair it and when cleaned or repaired quickly, and easily replace it. (See Fig. 3.)

Figs. 4, 5, 6, and 7 show the different parts of the invention slightly varied from the above description. In this manner of applying the invention the arms 3 of the flange 1 are turned inwardly—that is, into the pipe-hole of the chimney—and in the inner end of the stovepipe there are slits *a*, *b*, and *c*, forming tongues *a'* and *b'*, and the tongues *a'* and *b'* are passed through the slots 5 of the arms 3, and then two of the tongues *a'* and *a'* are turned back and pressed down against the outer faces of said arms, while the other tongues *b'* and *b'* run inwardly under the inner ends of said arms 3. Thus the said thimble is held in place while the said arms and tongues that hold it in place are in the stove-pipe-hole and out of sight. By removing the rivets or fastenings 6 the whole thing may be easily removed from the chimney and the thimble from the pipe.

I prefer to use the last-described method of securing the pipe in the pipe-hole because it makes a neater job.

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

1. The combination of an annular flange, provided on its inner edge with an annular bead, and arms extending at right angles from said flange, said arms having cross-slots, said flange adapted to be secured to the wall of the chimney around the stovepipe-hole, and a stovepipe provided with tongues adapted to pass through said cross-slots of the arms of said flange, and thus secure the pipe in the pipe-hole of the chimney, substantially as shown and described, and for the purposes set forth.

2. The combination of an annular stovepipe-flange, provided with arms extending at right angles from the face of said flange, their free ends provided with cross-slots, said flange adapted to be secured to a wall and around a stovepipe-hole, and a stovepipe provided with tongues adapted to pass through said cross-slots of said arms, and thus secure the

said pipe in said stovepipe-hole, substantially as shown and described and for the purposes set forth.

3. The combination of an annular flange provided with a series of perforations, and with arms extending at right angles from the face of said flange and provided, near their free ends, with cross-slots; a pipe having at one end longitudinal slits, forming tongues, the tongued end of said pipe slipped through said flange and the tongues engaging said

slots, the slitted end of said pipe, and said arms adapted to be thrust into the stovepipe-hole, and said flange to be secured to the wall, substantially as shown and described and for the purposes set forth. 15

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

HENRY R. AWBREY.

Witnesses:

J. C. DAVIS,

W. H. BENNETT.