

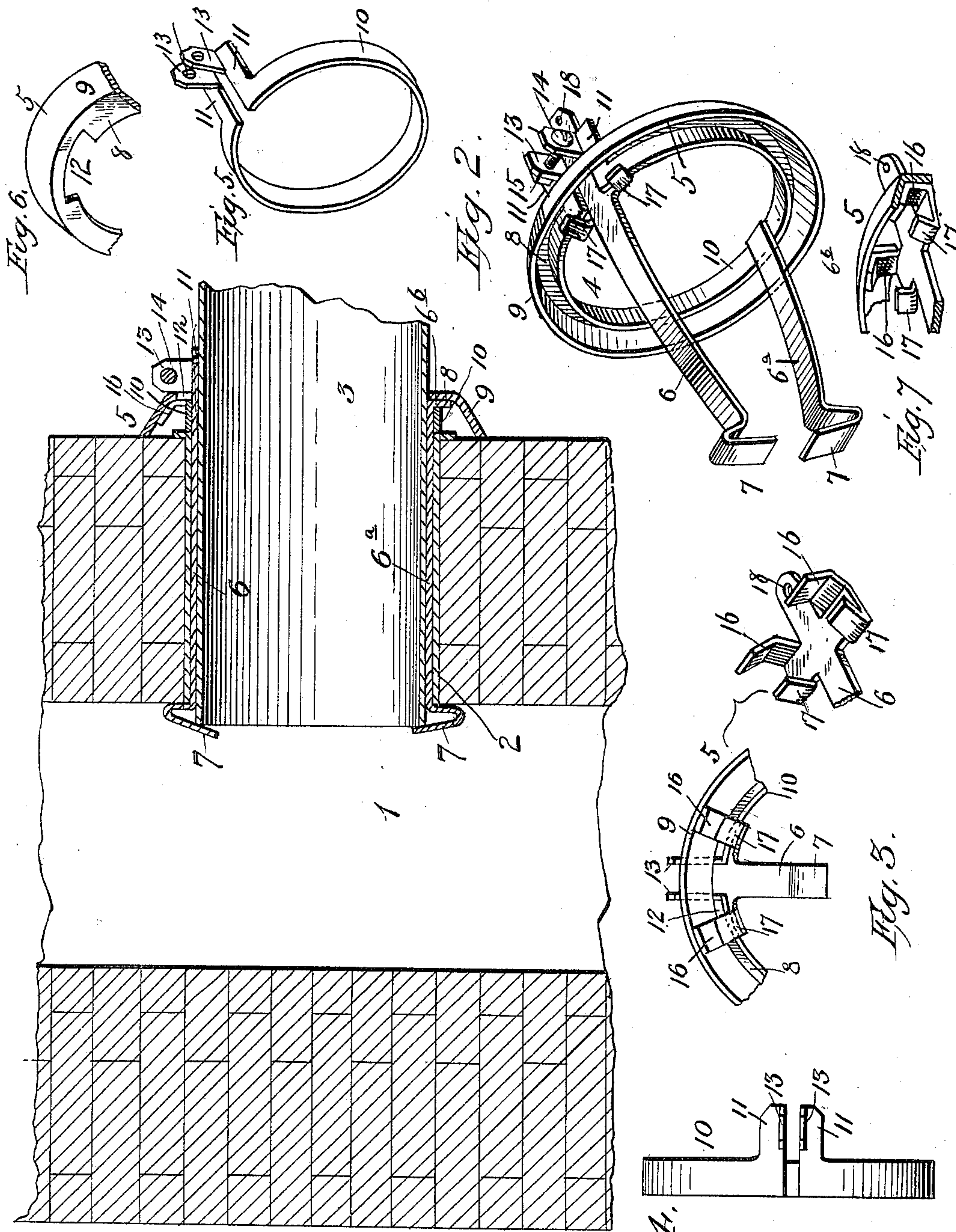
No. 661,389.

**Patented Nov. 6, 1900.**

**W. C. WILLIAMS.**  
**STOVEPIPE HOLDER.**

(Application filed Sept. 21, 1899.)

(No Model.)



WITNESSES :

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1. 607

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Fig. 4.

Fig. 3.

THE MORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.



# UNITED STATES PATENT OFFICE.

WILLIARD C. WILLIAMS, OF BENTON HARBOR, MICHIGAN.

## STOVEPIPE-HOLDER.

SPECIFICATION forming part of Letters Patent No. 661,389, dated November 6, 1900.

Application filed September 21, 1899. Serial No. 731,184. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIARD C. WILLIAMS, a citizen of the United States, residing at Benton Harbor, in the county of Berrien and State of Michigan, have invented new and useful Improvements in Stovepipe-Holders, of which the following is a specification.

My invention relates to stovepipe-holders for holding stovepipe-sections to a flue or chimney whereby the pipe is prevented from being passed too far into the chimney or flue or being accidentally withdrawn therefrom.

The object of the invention is to provide an improved construction of the same whereby I secure superior advantages with respect to efficiency in use.

The invention consists in the novel construction and combination of parts hereinafter fully described and claimed.

In the accompanying drawings, Figure 1 is a vertical sectional view of a chimney or flue, showing a section of stovepipe connected therewith by means of my improvements. Fig. 2 is a perspective view of the holder removed from the pipe. Figs. 3 and 4 are detail views of the holder, showing the collar and the arms disconnected. Fig. 5 is a detail perspective view of the split ring. Fig. 6 is a detail perspective view of the collar. Fig. 7 is a detail perspective view of a portion of the ring and engaging lugs.

In the said drawings the reference-numeral 1 designates the chimney or flue of a building of any ordinary or suitable description, provided with the usual opening 2, communicating with a room. The numeral 3 designates a section of stovepipe inserted in said opening.

The numeral 4 designates the holder comprising the collar 5 and arms 6 6<sup>a</sup>, the latter of which have their free ends bent into double hooks 7 for the purpose hereinafter described. The said collar comprises an inner circular face 8 and an outer flaring rim 9, stamped out of a single piece of metal. The arm 6<sup>a</sup> is secured at one end to the face 8 at 6<sup>b</sup> in any suitable manner, and a split ring 10 is also secured at the same point of attachment to the arm of the rim 9. The arm 6 is secured to the rim 9 by lugs 16, which are bent to lie against

the face 8 and the inner surface of the rim 9. The split ring 10 has two projections 11, upon the ends of which the lugs 13 are formed and bent at right angles to the projections 11. The lugs 13 are provided with registered perforations for the securing-bolt 14, held by nut 15. The projections 11 are passed through a slot or opening 12 in the face 8 and occupy a position on the outside of the rim 9. The contiguous edges of the projections 11 lie upon the outer face of the arm 6, and the ring 10 is held in place by lugs or ears 17, formed on the arm 6 and bent upward to bear upon the inner edge of the ring 10, as shown in Fig. 2. A hole 18 is formed in the outer end of arm 6 to receive a supporting-wire.

The manner of using the device is as follows: The arms 6 6<sup>a</sup> are passed through the flue or chimney opening, with the hooks 7 engaging with the wall of the flue or chimney and the collar resting against the wall and the screw-bolt 14 loosened. The stovepipe is then pushed through the collar into the said opening, and the end coming in contact with the bent ends of the arms 6 6<sup>a</sup> the movement will be limited, so that the pipe cannot be pushed too far into the flue or chimney. The screw-bolt 14 is then tightened, which causes the ring 10 to securely clamp the pipe and hold it to the collar. The collar cannot become accidentally disengaged, because the bent ends of the arms 6 6<sup>a</sup> engage with the inner side of the flue or chimney adjacent to the said opening. By this means the collar is securely held in place and the pipe secured to the collar. To remove the pipe, the screw-bolt is loosened, when it can be withdrawn. The collar can then be removed, if necessary, by disengaging its ends from the wall of the flue or chimney.

Having thus fully described my invention, what I claim is—

A stovepipe-holder consisting of a collar having an outer rim and an inner face, a slot or opening in said face a split ring secured intermediate its ends to the face of said collar, the ends of said ring having projections provided with perforated lugs for a clamping-bolt, arms having hooked ends, one of said

arms being secured to the face of the collar intermediate the ends of the split ring, and the other arm having upturned lugs for holding the split ring in place at the ends thereof  
5 and said arms passing through the slot or opening in the face of the collar, substantially as described.

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

WILLIARD C. WILLIAMS.

Witnesses:

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V. A. LOWE.