

J. W. HAROLD.  
ADJUSTABLE STOVEPIPE FASTENER.  
APPLICATION FILED DEC. 20, 1907.

903,567.

Patented Nov. 10, 1908.

Fig. 1.

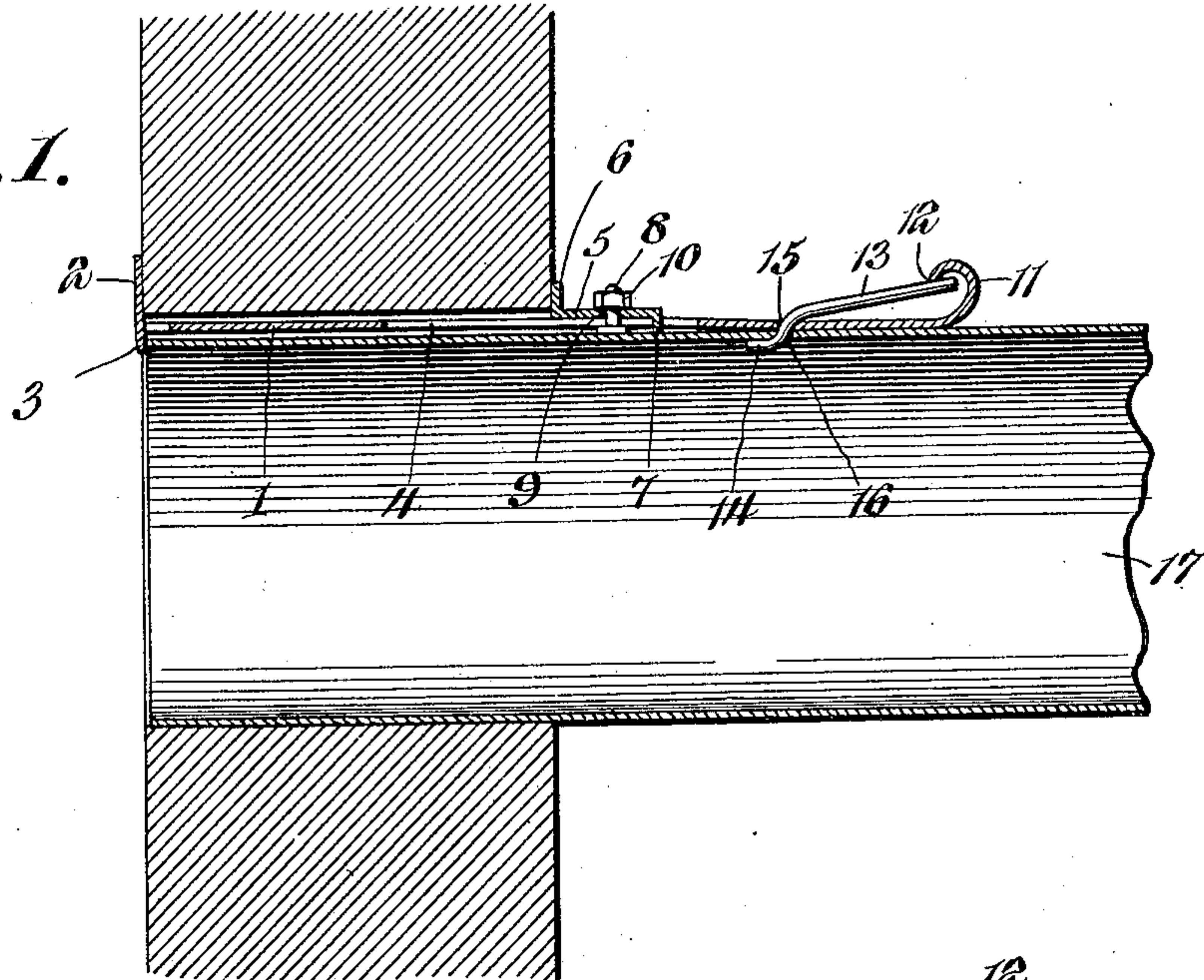


Fig. 2.

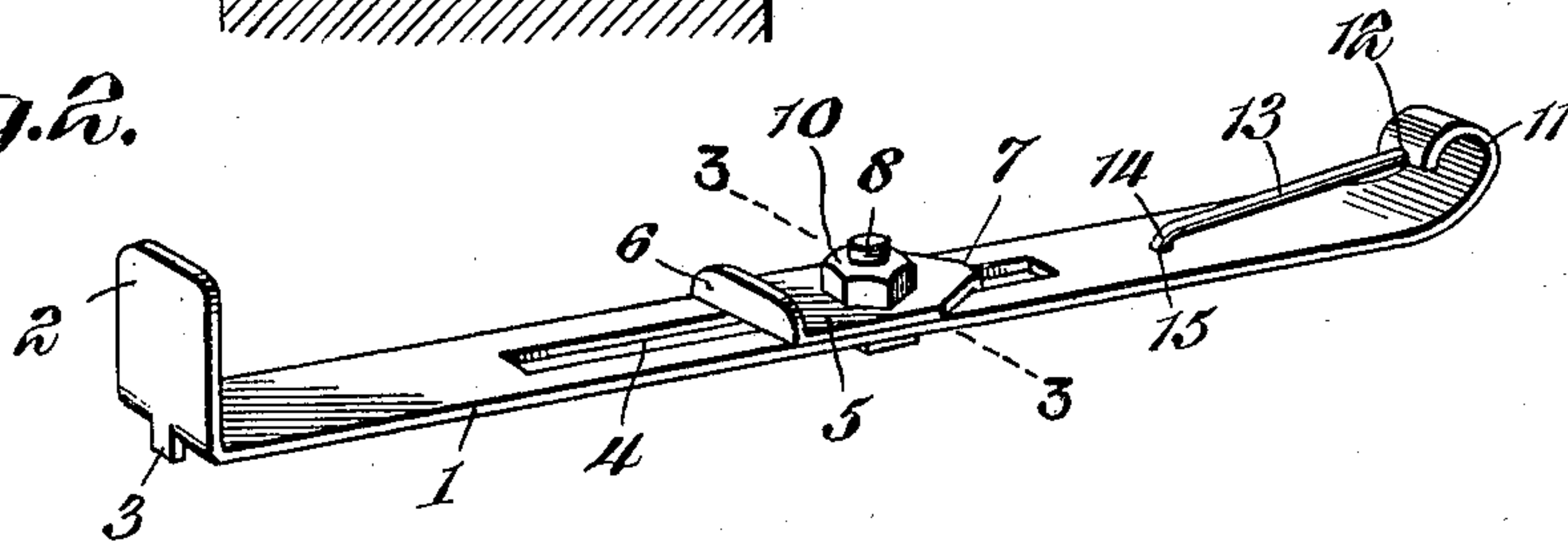


Fig. 3.

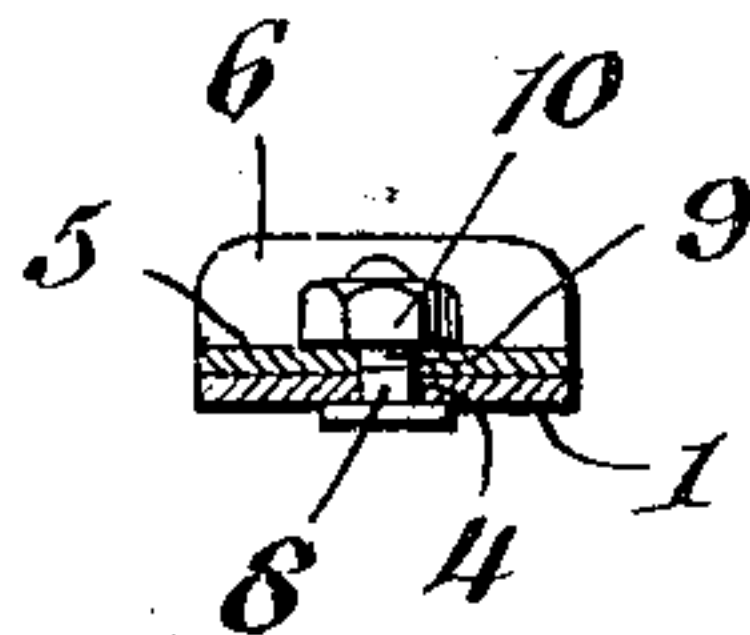
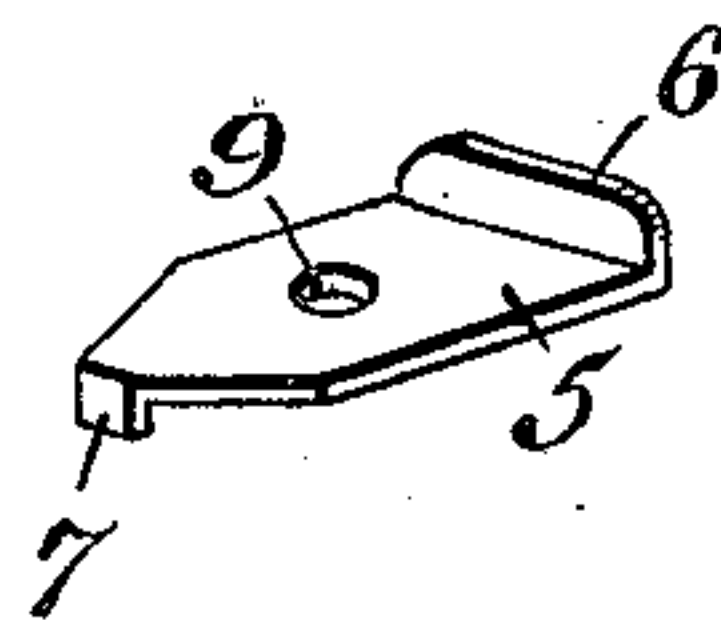


Fig. 4.



Witnesses

Howard D. Orr.  
George Tate.

J. W. Harold, Inventor,

By

E. G. Siggers.

Attorney



# UNITED STATES PATENT OFFICE.

JOHN W. HAROLD, OF RUSSIAVILLE, INDIANA.

## ADJUSTABLE STOVEPIPE-FASTENER.

No. 903,567.

Specification of Letters Patent.

Patented Nov. 10, 1908.

Application filed December 20, 1907. Serial No. 407,306.

*To all whom it may concern:*

Be it known that I, JOHN W. HAROLD, a tin and sheet-metal worker, citizen of the United States, residing at Russiaville, in the county of Howard and State of Indiana, have invented a new and useful Adjustable Stovepipe-Fastener, of which the following is a specification.

This invention relates to stove pipe fasteners, and has for one of its objects to provide a device of this character that is extremely simple in construction, consequently easy in manipulation, and cheap to manufacture.

Another object of the invention is to provide a stove pipe fastener having means for engaging the inner and outer wall of variously-sized chimneys.

A further object of the invention is to provide a fastener of the class described having means for preventing the stove pipe from being inserted too far into the chimney flue.

A still further object of the invention is to provide a fastener having a new and simple locking means and adapted to readily permit both the positioning and withdrawal of the stove pipe.

In the drawing:—Figure 1 is a vertical sectional view, showing a stove pipe and chimney with the stove pipe in place. Fig. 2 is a perspective view of the fastener. Fig. 3 is a cross sectional view taken on the line 3—3 of Fig. 2. Fig. 4 is a perspective view of the sliding lock.

By referring to the drawings, and especially to Fig. 2, it will be seen that the stove pipe fastener is formed from a flat piece of sheet metal, and has a body portion 1, which has one end 2 bent at right angles to said body portion. Stamped from the body 1 is a stop 3, which is bent at right angles thereto and in an opposite direction from the end 2, but in alinement with the same. The body portion 1 is provided with a longitudinal slot 4 adapted to act as a guide for the sliding lock 5, which is provided with an upstanding lug 6 and a depending and slightly tapered lug 7 that rides in the slot 4. The sliding lock is preferably retained at any point along the slot by means of a bolt 8, which passes through the slot 4 and the opening 9 of the lock, and a nut 10, although other suitable fastening means may be employed without departing from the spirit of my invention. The body portion 1 terminates at the other end in an upturned and tapered spring loop 11, which is pro-

vided at its end with a notch 12. A locking rod or member is provided, which comprises an arm 13, normally held in the notch 12 and an off-set clamping foot 14 that passes through an opening 15 located in the body portion 1 between the slot 4 and the loop 11, and a corresponding opening 16 in the stove pipe 17.

The operation of fastening a stove pipe in place with my invention is as follows:—The fastener is inserted into the chimney and arranged so that the end 2 engages the inner wall of the chimney, as shown in Fig. 1 of the drawing. The stove pipe is then inserted below the fastener, the inner end of the pipe bearing against the stop 3. The sliding lock 5 is moved forward until the upstanding lug 6 bears against the outer wall of the chimney, where it is locked by means of the bolt 8 and nut 10. It will thus be seen that the fastener is securely clamped to the chimney wall and any longitudinal movement is prevented. An opening 16 is then made in the stove pipe that registers with the opening 15 in the fastener. The off-set foot 14 of the locking member is passed through both of these openings, and the arm 13 is forced under the end of the spring loop 11 and into the notch 12. It will readily be seen that by this locking arrangement, the action of the spring loop 11 is to bear upon the arm 13, and consequently cause the foot 14 to be clamped against the under side of the stove pipe. It will be further observed that the stove pipe can be quickly withdrawn by simply removing the locking member.

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

1. A stove pipe fastener arranged on the outside of a stove pipe and having a body portion provided with means for engaging the inner end of a stove pipe and for clamping the fastener to a chimney, said body portion having an opening registering with an opening in the stove pipe means for locking the body portion to the pipe comprising an offset foot and an extended arm, said foot passing through the registering openings of the fastener and pipe and bearing against the inner side of the stove pipe, and means carried by the body portion for locking the said extended arm.

2. A fastener having a body portion provided with means at one end for engaging



the inner end of a stove pipe and means for  
clamping the fastener to a chimney, an  
upturned spring loop provided with a notch  
formed at the other end of the fastener, an  
5 opening in the body portion registering with  
an opening in the stove pipe, and means for  
clamping the fastener to the pipe compris-  
ing an off-set foot, and an extended arm,  
said foot passing through the registering  
10 openings of the fastener and pipe and bear-

ing against the inner side of the stove pipe,  
and the extended arm engaging in the notch  
of the spring loop.

In testimony that I claim the foregoing as  
my own I have hereto affixed my signature 15  
in the presence of two witnesses.

JOHN W. HAROLD.

Witnesses:

DUNCAN D. DUNN,  
ELISON COOPERIDER.