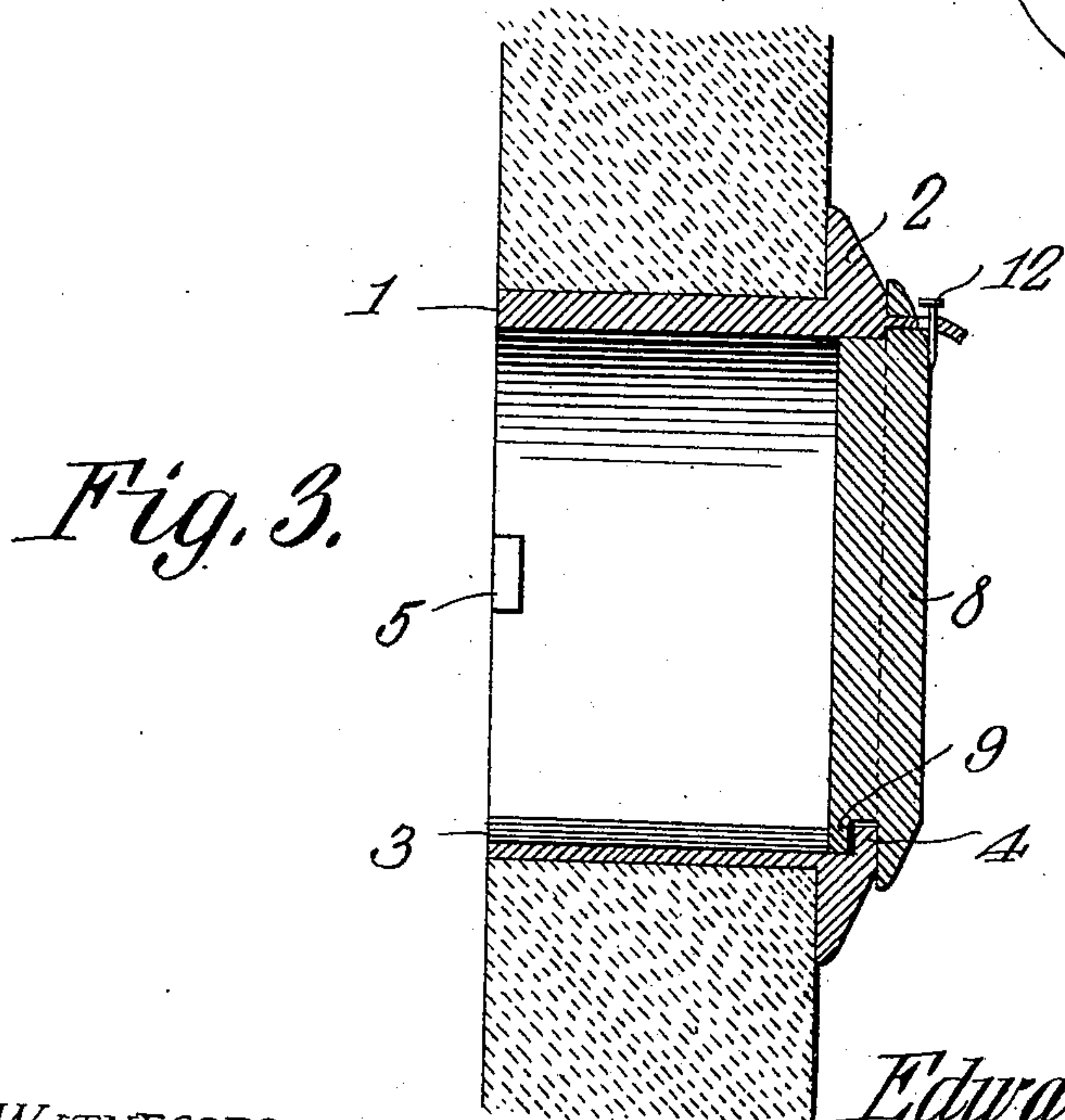
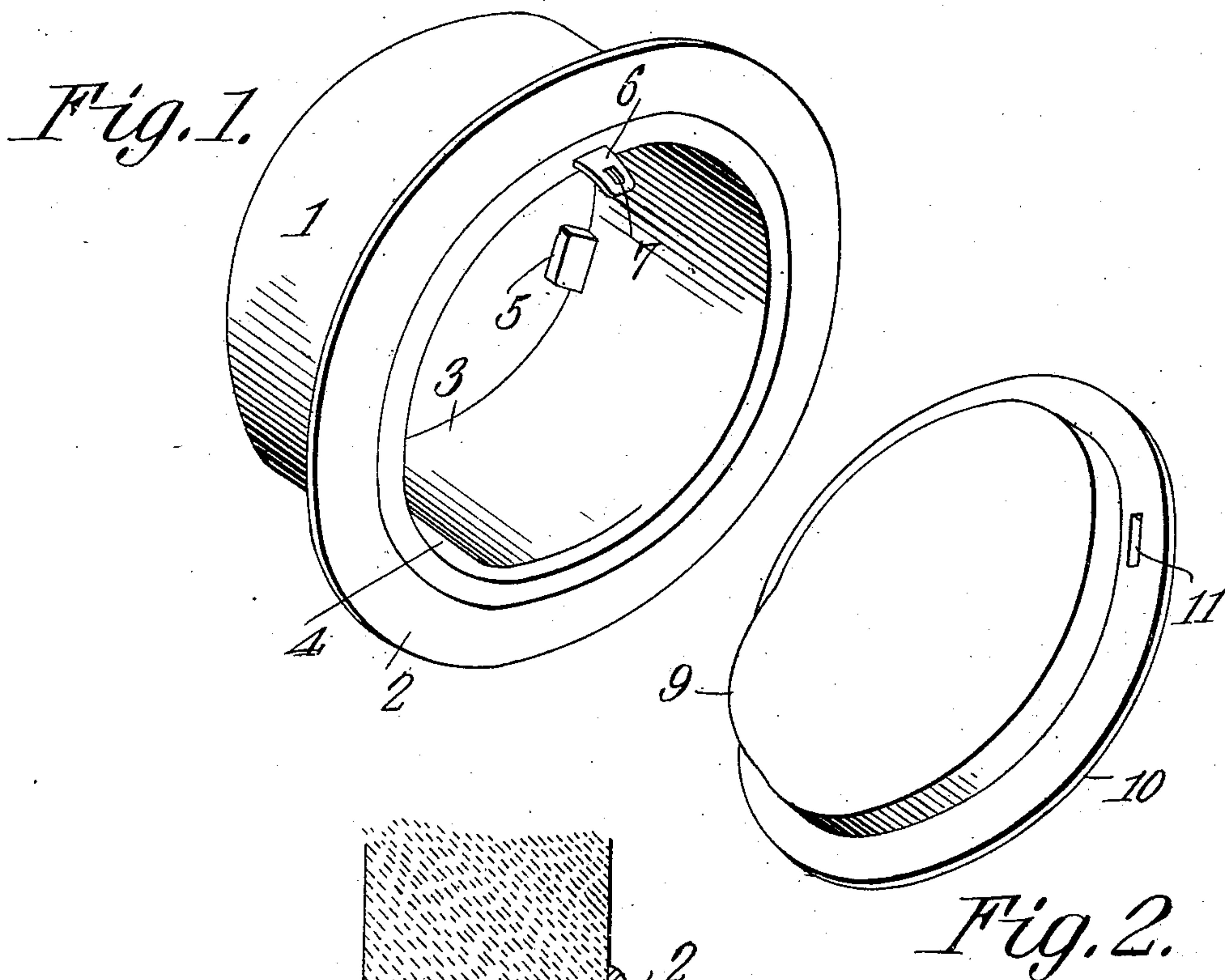


No. 860,801.

PATENTED JULY 23, 1907.

E. E. HANKEN.
COMBINED THIMBLE AND FLUE STOP.
APPLICATION FILED JAN. 10, 1907.



WITNESSES:

E. E. Hanken
A. J. Gardner

Edward E. Hanken,
INVENTOR.

By *CA Snow & Co.*
ATTORNEYS

UNITED STATES PATENT OFFICE.

EDWARD E. HANKEN, OF WAGGONER, ILLINOIS.

COMBINED THIMBLE AND FLUE STOP.

No. 860,801.

Specification of Letters Patent.

Patented July 23, 1907.

Application filed January 10, 1907. Serial No. 351,718.

To all whom it may concern:

Be it known that I, EDWARD E. HANKEN, a citizen of the United States, residing at Waggoner, in the county of Montgomery and State of Illinois, have invented a new and useful Combined Thimble and Flue-Stop, of which the following is a specification.

This invention relates to combined thimble and flue stops for stove pipes, and has for its object the provision of a simple and inexpensive thimble that will hold a pipe securely and that is provided with an improved means for closing the flue when the thimble is not in use.

The invention consists of the novel construction, combination and arrangement of parts hereinafter described, more particularly pointed out in the claims and illustrated in the accompanying drawings forming a part of this specification, in which—

Figure 1 is a perspective view of the improved thimble. Fig. 2 is a perspective view of the flue stop. Fig. 3 is a longitudinal vertical section of the combined thimble and flue stop.

Referring to the drawing, the thimble is provided with the usual cylindrical portion having the usual flange 2, and is further provided with a longitudinal groove 3 in the inner lower surface of the cylinder which extends to the rear edge of the thimble but stops short of its front surface, leaving an inwardly-extending rim 4. The inner edge of the flue is provided with two inwardly-extending lugs or stops 5—5 to prevent the stove pipe from being passed beyond the inner edge of the thimble. The outer face of the thimble is provided with a lug or ear 6 projecting adjacent to the flue and parallel to the axis thereof and provided with an aperture 7. The flue stop 8 consists of a circular closing for the flue having a lip 9 upon its inner side adapted to engage the said recess 3 and behind the said

rim 4 of the thimble. The face of the flue stop is provided with a laterally-extending flange 10 adapted to be seated against the outer flange 2 of the thimble and provided with an aperture 11 to receive the said lug 6 of the thimble. A pin 12 fits through the aperture in the lug 6 and extends outside of the flue stop to retain it in position in the flue. When the flue closure is removed and a stove pipe is inserted into the flue up to the stops, an aperture is formed in the pipe opposite the aperture in the lug 6 and the stove pipe is then retained in position by means of the said pin 12. The lug 6 and the pin 12 thus serve the double purpose of retaining either a flue stop or a stove pipe. The said rim 4 prevents rain water or condensation from the pipe from running through the thimble and also serves as a fastening for the flue stop, as has already been described.

The thimble and closure may be made of cast or of sheet metal and the thimble is secured in place in a chimney by the usual means of cement or mortar and by nails passing through apertures provided therefor in the cylindrical portion of the thimble.

Having thus described the invention, what is claimed is;—

The combination of a stove pipe thimble having an internal groove and diametrically opposite thereto an outwardly-extending lug provided with an aperture, a closure for said thimble provided with a projection spaced from the face thereof and adapted to engage in said groove, and a pin in said aperture engaging against the said closure to retain it in engagement with said thimble.

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

EDWARD E. HANKEN.

Two witnesses:

J. S. KESSLER,

C. S. NORVELL.