

(No Model.)

E. G. LUFKIN.
STOVEPIPE RETAINING DEVICE.

No. 532,384.

Patented Jan. 8, 1895.

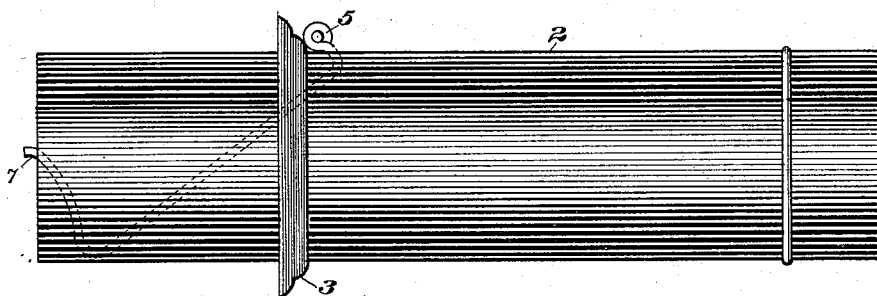


Fig. 1.

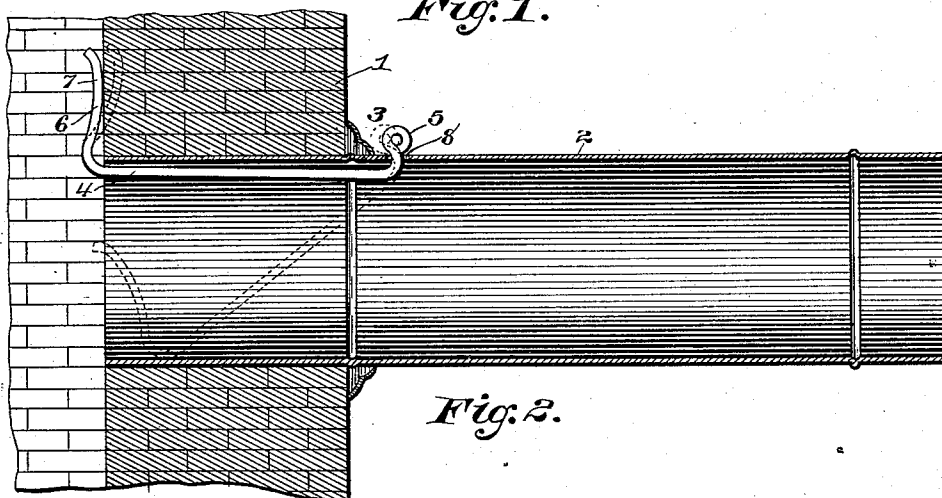


Fig. 2.

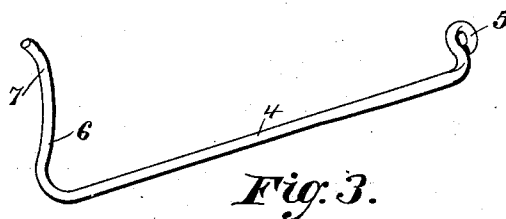


Fig. 3.

Witnesses

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EDWIN G. LUFKIN, OF GLENWOOD, IOWA.

STOVEPIPE-RETAINING DEVICE.

SPECIFICATION forming part of Letters Patent No. 532,384, dated January 8, 1895.

Application filed February 26, 1894. Serial No. 501,548. (No model.)

To all whom it may concern:

Be it known that I, EDWIN G. LUFKIN, of Glenwood, county of Mills, State of Iowa, have invented certain new and useful Improvements in Stovepipe-Retaining Devices, of which the following is a specification, reference being had to the accompanying drawings.

The object of my invention is to produce a cheap, convenient, serviceable, effective and readily adjustable device, for retaining a stove pipe in place as in a chimney breast, for example.

In the accompanying drawings: Figure 1 is a side elevation of a section of stove pipe fitted with my device. Fig. 2 is a vertical section of a portion of chimney breast with the pipe in place, showing my device in position for retaining the pipe, and showing in dotted lines the hook when in the non-retaining position. Fig. 3 is a perspective view.

Referring to the figures on the drawings: 1 indicates a portion of chimney breast, illustrated as a thing to which the pipe is to be fastened, and 2 a section of stove pipe adapted to be secured thereto.

3 indicates a collar which is ordinarily used for closing the joint between the breast and pipe.

4 indicates the shank of my retaining device which consists preferably of a piece of wire having on one end a retaining device, as for example, an eyelet 5 bent substantially at right angles thereto. At the other extremity a hook 6 of strong resiliency or contractility is provided. It is bent normally to an acute angle with the shank proper, as shown in dotted lines in Fig. 2 of the drawings. It is pro-

vided with a curved snub end 7 which permits its being bent against its resilient action to the position shown in full lines in Fig. 3 of the drawings, by being forcibly pried against the inner side of the breast. When in this position the hook, by its resiliency, draws the pipe strongly toward the breast and holds it rigidly and securely in position.

In some instances a plurality of retainers might be employed, but it is sufficient for the present purpose to illustrate and describe one, since each is complete in itself.

For inserting the hook in place it is only necessary to punch a hole 8 in the pipe at the required distance from its ends and pass the retainer through it from the hook toward the eyelet.

What I claim is—

1. The combination with a stove pipe and aperture therein, of a retaining device consisting of a shank, a retaining eyelet at one end thereof, and a resilient hook bent nearly at right angles to the shank and terminating in a curved snub end, substantially as set forth.

2. In a stove pipe retaining device, the combination with a shank and retaining eyelet at one end thereof, of a resilient hook at the other end thereof, bent nearly at right angles to the shank, and terminating in a curved snub end, substantially as set forth.

In testimony of all which I have hereunto subscribed my name.

EDWIN G. LUFKIN.

Witnesses:

CHAS. RATHKE,
L. F. SHARPE.