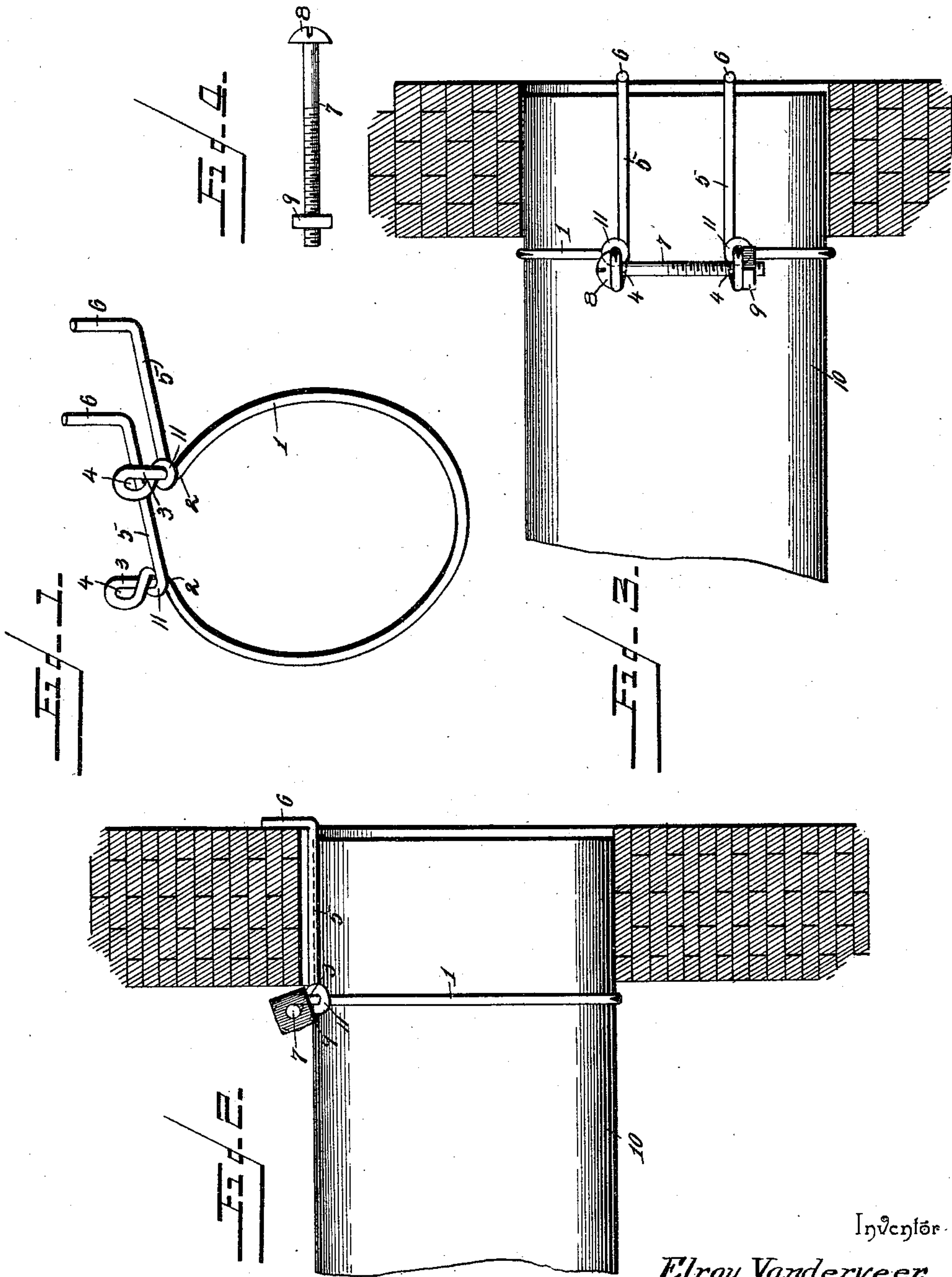


(No Model.)

E. VANDERVEER.
STOVEPIPE HOLDER.

No. 538,302.

Patented Apr. 30, 1895.



Inventor.

Elroy Vanderveer.

Witnesses
Thos Wiley
R. M. Smith.

By his Attorneys.

C. A. Snow & Co.

UNITED STATES PATENT OFFICE.

ELROY VANDERVEER, OF WEST LODI, OHIO.

STOVEPIPE-HOLDER.

SPECIFICATION forming part of Letters Patent No. 538,302, dated April 30, 1895.

Application filed November 6, 1894. Serial No. 528,100. (No model.)

To all whom it may concern:

Be it known that I, ELROY VANDERVEER, a citizen of the United States, residing at West Lodi, in the county of Seneca and State of Ohio, have invented certain new and useful Improvements in Stovepipe-Holders, of which the following is a specification.

My invention relates to an improvement in devices for securing and holding stove pipes in position in the pipe holes of chimneys.

The object of my invention is to produce a retaining clamp or holder adapted to engage the section of stove pipe which enters the hole in the chimney breast, and to retain the same therein, and prevent its escape or accidental displacement therefrom.

My invention consists in a pipe holder made from a single piece of wire which when bent into the shape hereinafter described shall comprise a loop or ring portion for embracing and firmly clasp the stove pipe, also a pair of laterally projecting arms extending therefrom at right angles, and provided with upturned, headed, or hooked ends for engaging the inner wall of the flue, and two eyes or loops for the reception of a screw bolt for clamping the ring or looped portion tightly around the pipe section.

In the accompanying drawings:—Figure 1 is a perspective view of my improved pipe holder with the clamping bolt omitted. Fig. 2 is a vertical sectional view through a chimney breast in line with the stove pipe hole, showing a section of pipe in elevation with my improved holder applied thereto. Fig. 3 is a horizontal sectional view of the same. Fig. 4 shows the clamping bolt or rod.

Similar numerals of reference indicate corresponding parts in all the figures of the drawings.

I will proceed to describe my improved pipe holder, as it appears in Figs. 1 and 2 of the drawings. The holder is made from a single piece of wire, galvanized or otherwise coated to protect the same from rust, &c. At or near the central portion of the piece of wire, the latter is bent or curved to form the large loop, or ring portion, 1, for embracing a section of pipe, as hereinafter explained. At the upper end of the loop 1, each arm of the wire is bent at corresponding points 2—2 in an upward or vertical direction, forming vertical portions

3—3. The wire is then bent, or curved outwardly, to form small loops or eyes 4—4 for the reception of the clamping bolt or rod. After having formed the loops 4—4, the wire is given one complete turn around the vertical portions 3, from whence it extends rearwardly in a horizontal direction at right angles to the vertical loop portion 1 to form retaining arms 5, which at their inner ends are provided with upturned hooks or spurs 6, adapted to engage the wall of the flue.

7 indicates the clamping bolt, provided at one end with a screw head 8, and threaded at the other end to receive a nut 9.

In operation, the pipe holder is inserted in the hole in the chimney breast in such position that the horizontal arms 5 will lie close to the upper wall of such hole, the upright portions 3, and loops 4, occupying a position in front of the chimney breast, and the upturned ends or hooks 6 lying within the flue, and engaging the front wall thereof. The pipe section 10 is now inserted through the loop portion 1 of the holder, and thence into, or through the pipe hole in the chimney breast. When in proper position, the pipe is tightly clamped within the loop or rim 1 of the holder by passing the screw bolt 7 through the eyes or loops 4, and tightening said bolt therein, causing the loop 1 to closely embrace the pipe. The nut 9 is held against turning by means of the shoulder 11 on the upright portion 3, formed by the turn which the wire is given around the vertical portion 3, as above described. The nut is thus held against turning, and the screw is tightened from the other end by means of a screw driver.

It will be apparent, that by the use of this holder, the pipe which enters the hole in the chimney breast cannot be withdrawn, allowing the products of combustion to enter the room, or be pushed through the hole against the opposite wall of the flue, thereby shutting off the draft.

It will also be apparent, that my device may be applied to a pipe, where it goes through a ceiling, for holding said pipe in place, and at other points.

Having thus described my invention, what I claim is—

A securing device or holder for retaining stove-pipes in position, made from a wire

blank bent or curved at its central portion to
form an open loop for embracing and claspin
the pipe, after which the terminals of the
blank are extended vertically to form stops or
5 shoulders adapted to occupy a position in
front of and to bear against the chimney
breast, the terminals then being bent to form
loops or eyes for the reception of a clamping
bolt, and then giving one complete turn
10 around the vertical portions or stops to form
seats or shoulders adapted to engage one side

of the retaining nut on the clamping bolt,
after which said terminals are extended hori-
zontally at right angles to the vertical por-
tions or stops and provided at their ends with 15
upturned hooks or spurs for engaging the
wall of the flue, all arranged substantially as
specified.

ELROY VANDERVEER.

Witnesses:

FREDRICK BOWERS,

WILLIAM HARRISON GARMAN.