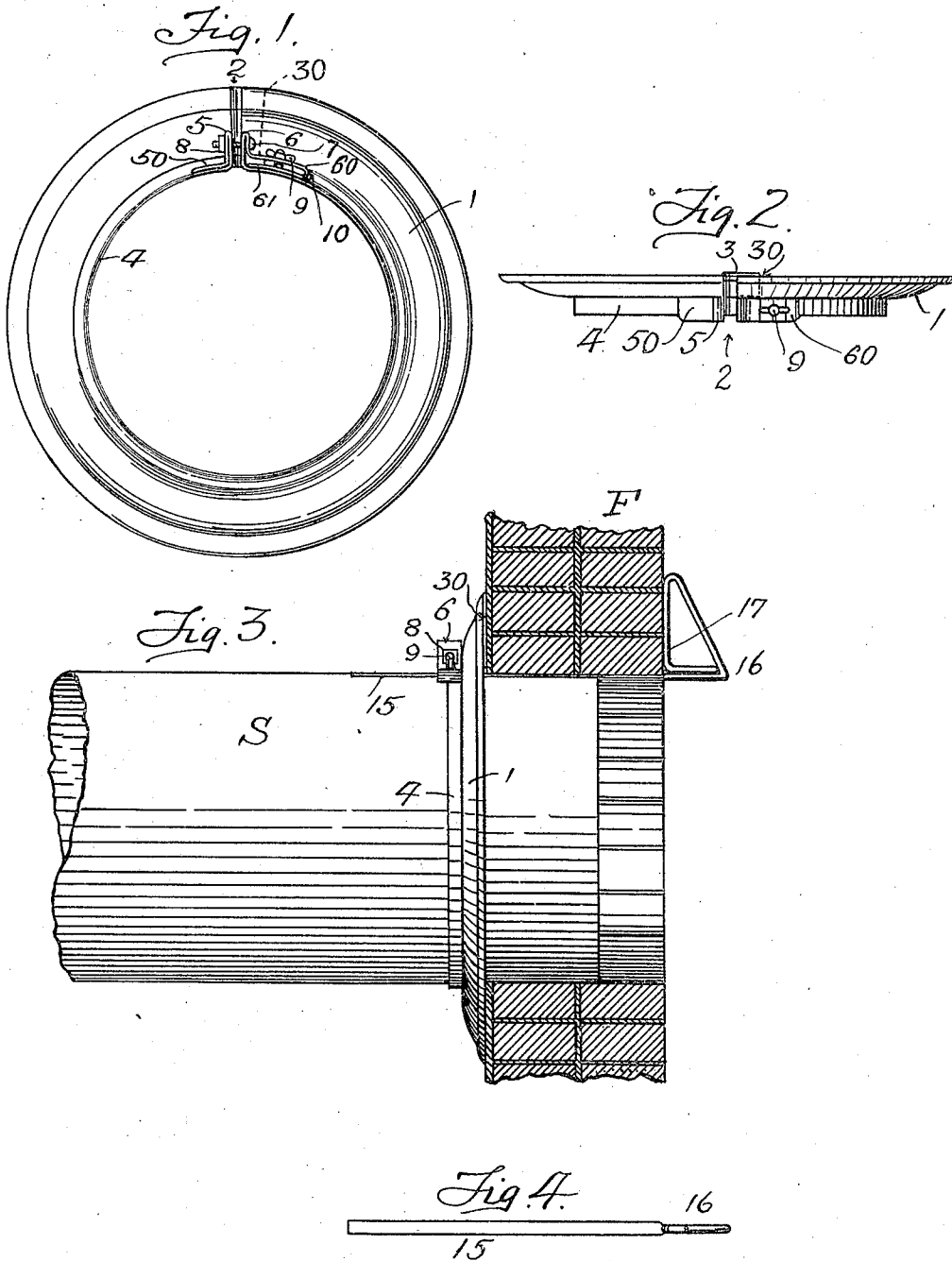


E. E. YOUTZ.
STOVEPIPE COLLAR AND ANCHOR.
APPLICATION FILED MAY 29, 1909.

948,602.

Patented Feb. 8, 1910.



Witnesses.

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UNITED STATES PATENT OFFICE.

ELMER E. YOUTZ, OF DECATUR, ILLINOIS.

STOVEPIPE COLLAR AND ANCHOR.

948,602.

Specification of Letters Patent.

Patented Feb. 8, 1910.

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To all whom it may concern:

Be it known that I, ELMER E. YOUTZ, a citizen of the United States, and resident of Decatur, in the county of Macon and State of Illinois, have invented certain new and useful Improvements in a Stovepipe Collar and Anchor, of which the following is a specification.

This invention relates to thimbles for stove pipes, and more especially to such as anchor or lock pipes in place within the flue; and the object of the same is to produce a collar which is adjustable longitudinally on pipes of varying size and an anchor attachment by which the collar and pipe are locked in their proper position with respect to the flue.

To this end the invention consists in the details of construction described below and shown in the drawings wherein—

Figure 1 is a front elevation of the collar with the anchor omitted; Fig. 2 is an edge view thereof with the clamping screw omitted; Fig. 3 is a side elevation thereof, showing the stove pipe and anchor in position with respect to a flue, which latter is illustrated in section; and Fig. 4 is a plan view of the anchor.

In the drawings the numeral 1 designates the collar which is split radially as at 2 and the inner end under lapped as at 3, and 4 is a band or flange projecting from the inner edge of the collar but not from its under lapped portion and turned outward at opposite sides of the split into ears 5 and 6 which are pierced with registering holes for the passage of a clamping screw 7 whose nut 8 may stand adjacent the ear 5 as seen in Fig. 1 or adjacent the ear 6 as seen in Fig. 3. While these ears may be of separate material secured to the band or flange, I preferably form them integral as shown and may bend the ear 5 outward and lap it back upon itself as shown at 50, while adopting a similar construction for the ear 6 as shown at 60 and by preference under lapping the extremity of this portion as at 61 so as to form a loop which extends circumferentially a short distance around the flange and opens on a line parallel with the axis of the device. Through the outer arm 60 of this loop is passed a thumb screw 9 which preferably stands beyond the extremity 30 of the under lap 3, and through the collar 1 at a point which will readily regis-

ter with the opening in this loop I form a slot 10 as best seen in Fig. 1.

The device thus far described is an adjustable flue collar in that it can be applied to stove pipes S of different sizes within limits and adjusted and clamped thereon by means of the clamping screw and its nut, and when in position will close the opening in the flue F around the pipe and will prevent the latter from being pushed farther into the flue.

In connection with the above described collar I employ an anchor shown in plan view in Fig. 4 and in side elevation and operative position in Fig. 3. The same comprises a straight flattened body or strip with an enlarged head 16 at one end, preferably formed by bending the body in the shape shown in Fig. 3 or in any other equivalent shape which will produce the angular foot 17 that is adapted to stand against the inner face of the flue. This anchor is applied to the collar by passing its body past the extremity 30 of the under lap 3, through the slot 10 in the collar 1, through the opening in the loop between its arms 60 and 61 and under the tip of the thumb screw 9, and along on the outer side of the stove pipe S either at the top of the latter as shown at Fig. 3 or in any other preferred position, and then adjusting it so that the foot 17 will bear against the inner face of the flue F when the collar bears against its outer face, and finally tightening the thumb screw 9 to hold the anchor in place. It is obvious that the body of the anchor could be longer or shorter than shown, and that if desired its extra length could be cut off after the parts have been once set up.

Thus is produced both a collar which is adapted to be clamped around a stove pipe at the proper point and adjusted thereon when desired, and an anchor which coöperates with this collar to lock it and the pipe against dislodgment from their proper position with respect to the flue, while always closing and concealing the unsightly opening in the flue which is usually discolored by soot. The parts are entirely of metal, suitably ornamented to conform with the ideas of the manufacturer.

As above stated, the clamping screw or bolt may pass in either direction through the ears, and the latter might be separate from the band or flange although I prefer them

integral and I prefer also to bend them back as shown for the purpose of giving greater rigidity to the parts at the point where it is most needed.

5 The entire device can be stamped from sheet metal at slight expense.

What is claimed as new is:

10 1. A stove pipe collar comprising the collar proper split radially and one end having a circumferential slot near the split, a flange projecting from the inner edge of the collar except where it is split and there turned outward into ears of which one is bent back upon itself and then formed into a loop outside the flange and registering with said slot, and means for approximating said ears; combined with an anchor passing through said slot and loop, and means for holding it adjustably within the latter.

20 2. A stove pipe collar comprising the collar proper split radially and one end having a circumferential slot near the split, a flange projecting from the inner edge of the collar except where it is split and there turned outward into ears of which one is bent back upon itself and then formed into a loop outside the flange and registering with said slot,

and means for approximating said ears; combined with an anchor passing through said slot and loop, and a thumb screw 30 through the outer arm of the loop and adjustably engaging the anchor.

3. The herein described stove pipe collar and anchor, the same comprising the collar proper split radially and having one end 35 underlapped and its other end having a slot beyond the extremity of the underlap, a flange projecting from its inner edge and formed into ears at opposite sides of said split and one of them into a loop registering 40 with said slot, a thumb screw through the outer arm of said loop, and means for approximating said ears; and an anchor having a right angular foot at one end and a flattened body adapted to pass through said 45 slot and loop and be adjustably engaged by the thumb screw.

In testimony whereof I sign my name in the presence of two subscribing witnesses, this the 25th day of May, 1909.

ELMER E. YOUTZ.

Witnesses:

HOWARD BIGELOW,
WALTER S. HURD.