

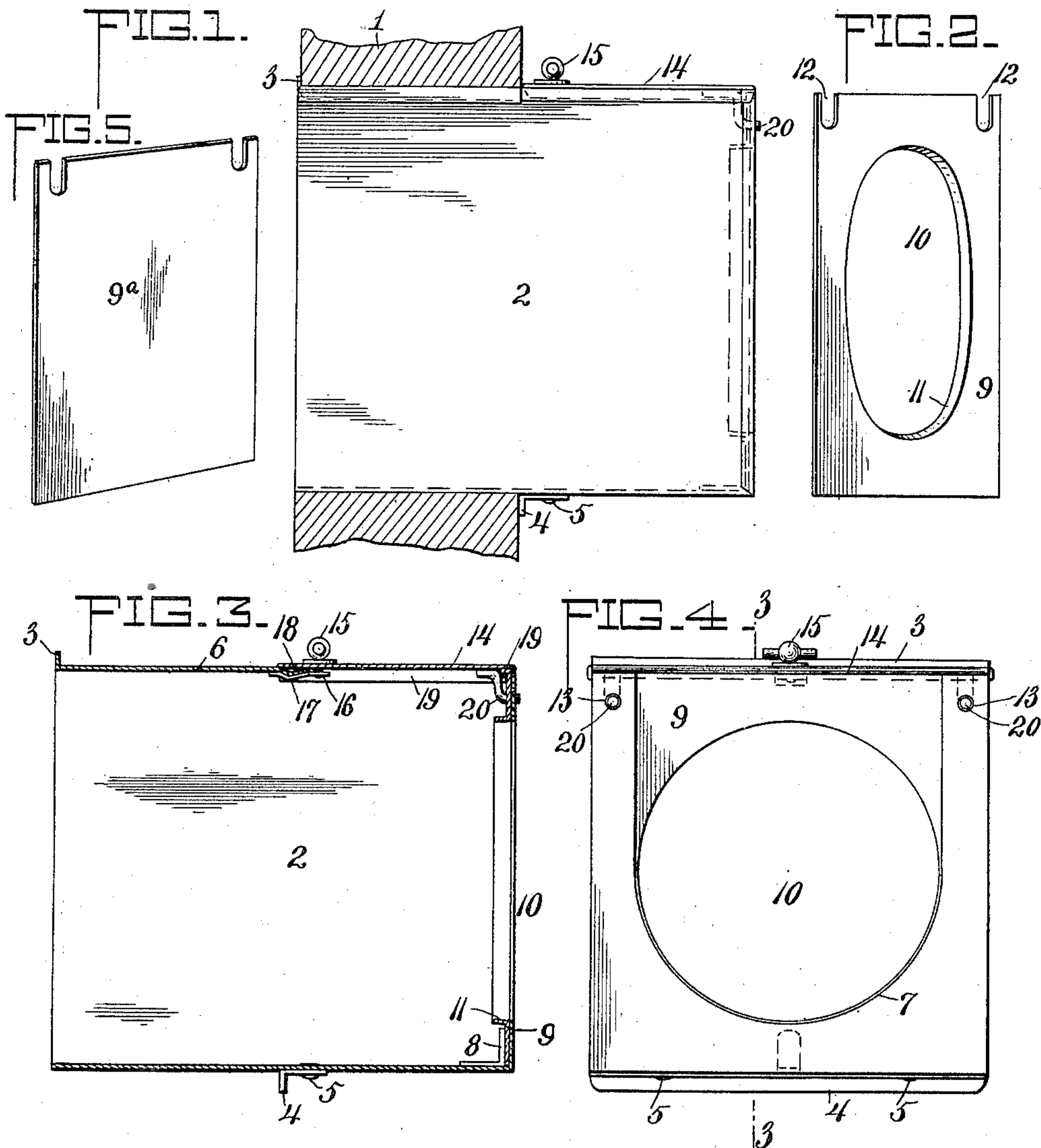
No. 649,650.

Patented May 15, 1900.

H. D. WADE.
STOVEPIPE BOX.

(Application filed Oct. 14, 1899.)

(No Model.)



WITNESSES

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UNITED STATES PATENT OFFICE.

HORACE D. WADE, OF GUILFORD, NEW YORK.

STOVEPIPE-BOX.

SPECIFICATION forming part of Letters Patent No. 649,650, dated May 15, 1900.

Application filed October 14, 1899. Serial No. 733,664. (No model.)

To all whom it may concern:

Be it known that I, HORACE D. WADE, a citizen of the United States, residing at Guilford, in the county of Chenango and State of New York, have invented certain new and useful Improvements in Stovepipe-Boxes; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the figures of reference marked thereon, which form a part of this specification.

My invention relates to improvements in stovepipe-boxes; and it consists of a rectangular receptacle adapted to be built in the wall of the flue or chimney and extend therefrom a suitable distance into the room and means adapted to be closely secured around a stovepipe and fit within the said receptacle, with means for securing the said plate firmly within the receptacle and making the receptacle smoke-tight.

The object of my invention is to produce a cheap, simple, and effective device of this kind that is ornamental and that will prevent the soot falling back into the stovepipe; and with this object in view my invention consists, further, of the parts and combination of parts, as will be more fully hereinafter set forth.

In the drawings, Figure 1 is a sectional view of a flue-wall with my device secured in place. Fig. 2 is a perspective view of the pipe-encircling plate. Fig. 3 is a sectional view of my device on the line 3-3, Fig. 4. Fig. 4 is a front elevation of my invention. Fig. 5 is a perspective view of a closing-plate for the receptacle.

1 represents a wall of a flue broken away and shown in section.

2 is my improved adjustable stovepipe-holder rectangular in cross-section and of a size which adapts it to be built in the wall of the chimney without disturbing the regular course or courses of brickwork.

3 is an upwardly-extending flange integral with the top of the receptacle at the back, adapted to fit snugly against the inner face of the flue, as clearly shown in Fig. 1.

4 is an L-shaped piece secured about midway to the under side of the receptacle by means of the rivet 5, said piece extending

downwardly from the receptacle and adapted to fit snugly against the outer face of the chimney-breast, as clearly shown in Fig. 1. It will thus be seen that the receptacle is not only firmly secured within the wall of the chimney, but it is further secured against longitudinal movement by means of the flange 3 and the L-shaped piece 4.

6 is the top of the receptacle, extending about half the distance of the same and integral with the sides thereof. The front of the receptacle 2 is cut away U-shaped, as at 7.

8 is a lug firmly secured to the bottom of the receptacle a slight distance from the front of the receptacle.

9 is a plate having a circular opening 10 formed in about the center of the same, surrounded by an annular flange 11, which projects backward from the face of the plate, said flange being integral with said plate.

12 represents U-shaped slots formed in the top edge of the plate 9, said plate being adapted to be slipped within the box immediately back of the U-shaped opening in the front of the same, the extreme lower edge of the plate passing between the lug 8 and the front plate of the receptacle.

13 represents openings formed entirely through the front plate of the receptacle near the top.

14 is a lid of width sufficient to complete the top covering of the receptacle 2 and provided with a suitable handle 15, which is pivotally mounted in said lid.

16 is a latch rigidly secured to the lower end of the handle 15, said latch being bent in the middle to lock with the portion 18 of the top 6, which is similarly bent.

The lid 14 is provided with a depending integral flange 19, adapted to fit smoke-tight against the sides of the receptacle and against the back of the plate 9.

20 represents substantially L-shaped hooks secured underneath the forward edge of the lid 14 back of the flange 19 and extending forwardly beyond the forward edge of the lid 14, as clearly shown in Fig. 3, said hooks being adapted when the lid is secured in place on the receptacle to pass through the U-shaped slots 12 in the plate 9 and the openings 13 in the front of the receptacle 2, as clearly shown in Fig. 3.

In practice when it is desired to secure a stovepipe in the chimney with my device the plate 9 is slipped over the pipe, the pipe fitting smoke-tight within the circular opening 10. The pipe is then elevated and the plate 9 slipped in the receptacle back of the front plate, the lower edge of said plate 9 being firmly secured against lateral displacement by means of the lug 8. The lid 14 is then placed upon the receptacle by first inserting the hooks 20 through the slots 12 in the top of the plate 9 and through the holes or openings 13 in the front plate of the receptacle. The cover is then firmly pressed downward until it is firmly seated upon the forward edge of the cover 6 and secured thereto by turning the latch by means of the handle 15 until said latch is transverse to the depression 18 in the top of the receptacle.

It will be seen from the construction that the soot from the stovepipe will fall and be collected into the receptacle 2, which will prevent it from falling back into the stovepipe, thereby prolonging to a material extent the life of the stovepipe.

When the stovepipe is taken down during the heated term, when the stove is not in use, the stovepipe, together with the plate 9, is removed from the receptacle, and the U-shaped opening in the front of the receptacle is closed by means of the solid plate shown in perspective in Fig. 5, thereby preventing dust, &c., from being blown into the room. This plate may be ornamented, as may also be the receptacle, in any manner desired by the manufacturer.

The use of this device obviates the soiling of the wall decorations now commonly experienced where the stovepipe is inserted into the chimney after the usual manner.

The opening 10 of the plate 9 may be of various sizes, according to the pipe with which it is to be used.

What I claim is—

1. In a device of the character described, the combination with the receptacle having

an opening in the front thereof, of a pipe-encircling plate adapted to fit within said receptacle back of the opening and a cover or lid adapted to fit on said receptacle, and means connected with said cover or lid to secure said plate in said receptacle.

2. A receptacle of the character described having a closed top extending about half-way, in combination with a pipe-encircling plate adapted to fit in the front of said receptacle, a lug secured to the bottom of the receptacle adapted to hold said plate against lateral displacement, of a cover or lid adapted to close the top of the receptacle and hooks extending from said lid to engage and secure the top of the encircling plate against lateral and upward movement.

3. A stovepipe-holder comprising the receptacle having the top cut away and a crimp formed in the edge of the remaining portion of the top, the upwardly-extending lug integral with the top of the receptacle and the L-shaped piece, secured to the bottom of the receptacle, the lug secured to the bottom of the receptacle near the front thereof, the pipe-encircling plate having a central opening surrounded by a backwardly-extending flange, U-shaped slots formed in the top of said plate, and a lid having a downwardly-extending flange adapted to fit snugly against the sides of the receptacle, a handle pivotally mounted in said lid and a latch firmly secured to said handle adapted to engage the crimped edge of the top of the receptacle, openings in the front wall of the receptacle and hooks secured to and extending from said lid and adapted to pass through the U-shaped slots in the encircling plate and the openings in the front wall of the receptacle.

In testimony whereof I affix my signature in presence of two witnesses.

HORACE D. WADE.

Witnesses:

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AUGUST DONATH.