

No. 663,596.

Patented Dec. 11, 1900.

G. H. BEATTY.
FLUE COVER.

(Application filed Sept. 10, 1900.)

(No Model.)

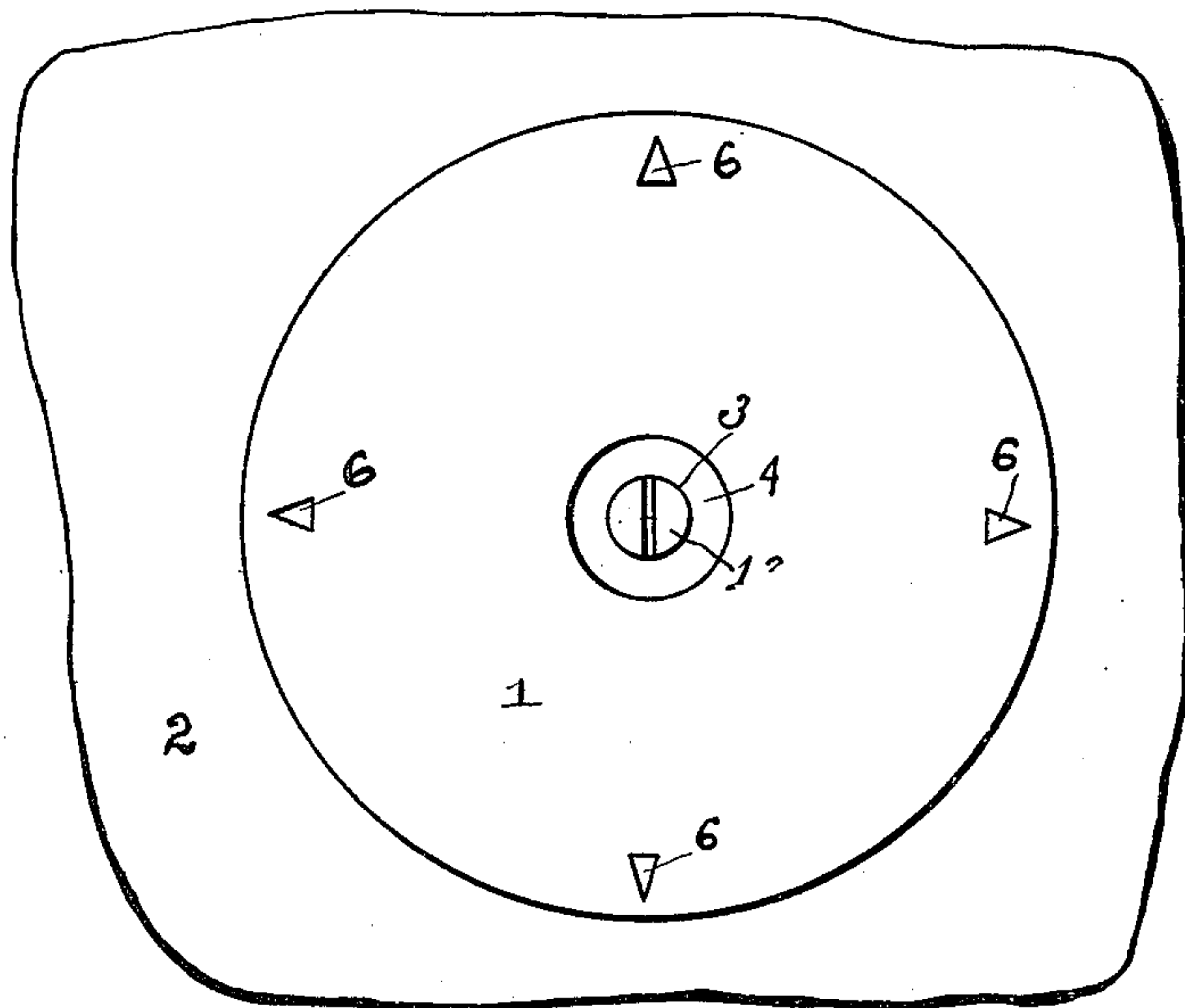


FIG. 1.

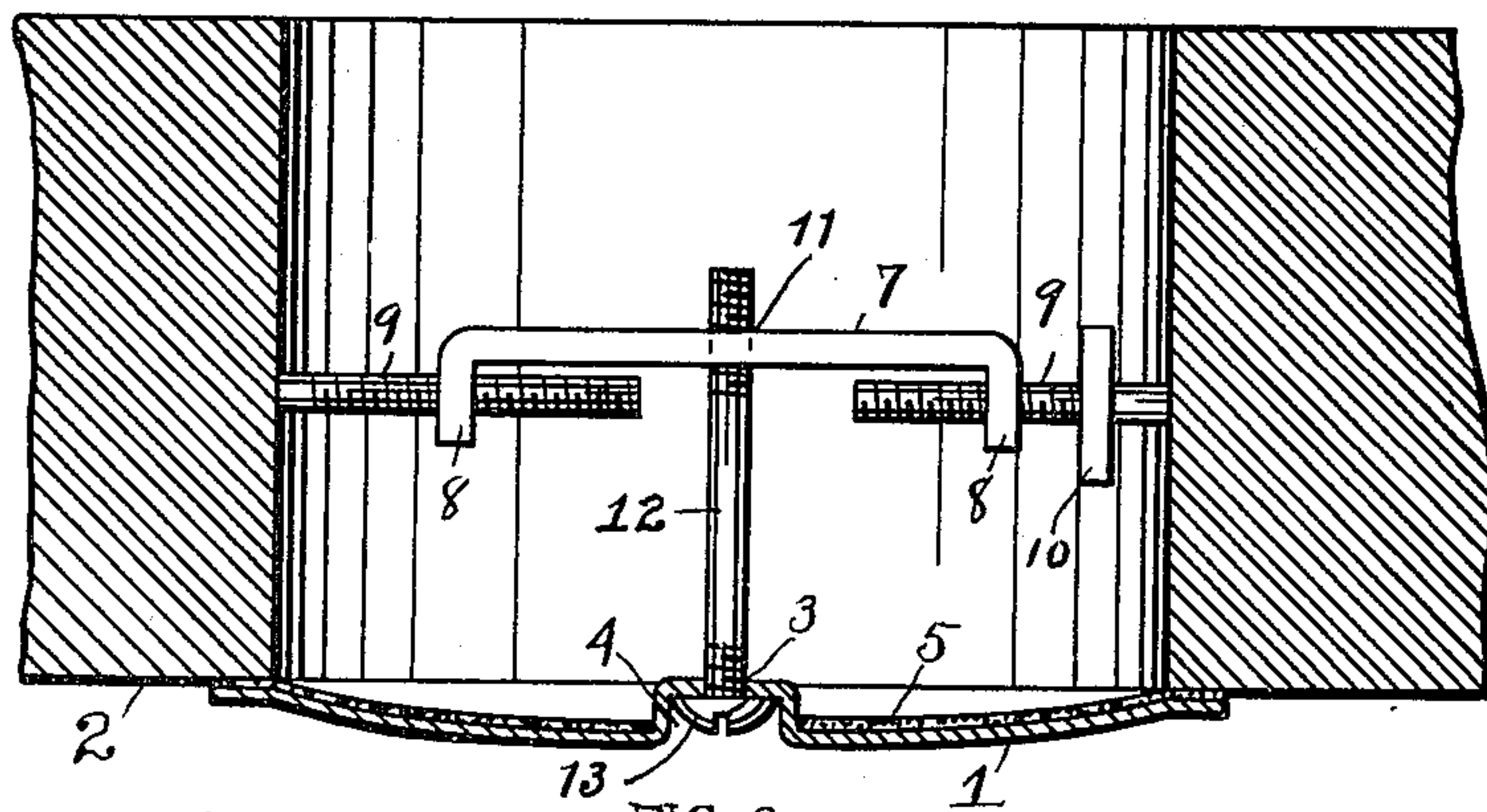


FIG. 2.

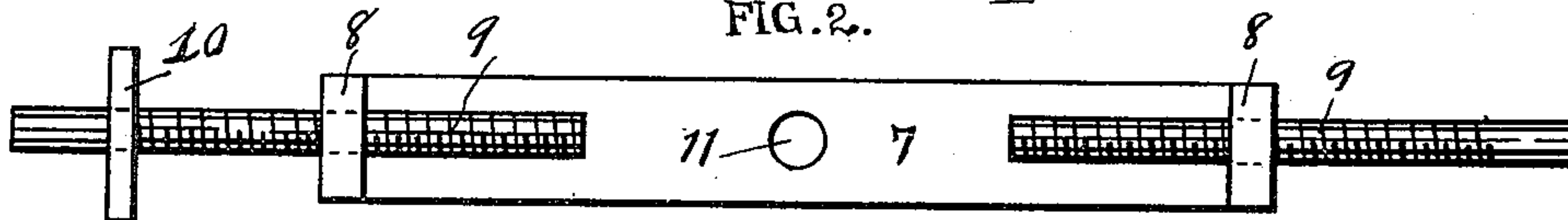


FIG. 3

WITNESSES:

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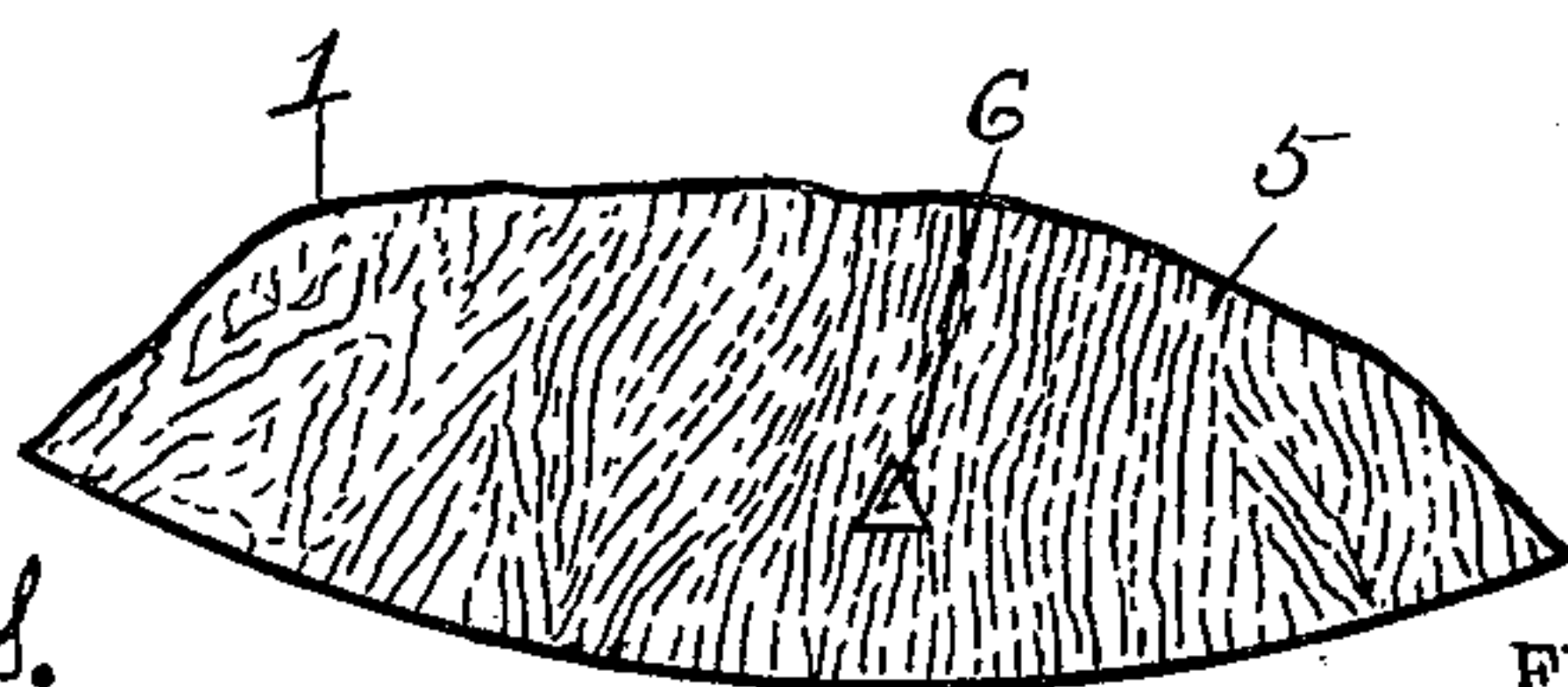


FIG. 4.

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UNITED STATES PATENT OFFICE.

GEORGE H. BEATTY, OF DAYTON, OHIO.

FLUE-COVER.

SPECIFICATION forming part of Letters Patent No. 663,596, dated December 11, 1900.

Application filed September 10, 1900. Serial No. 29,541. (No model.)

To all whom it may concern:

Be it known that I, GEORGE H. BEATTY, a citizen of the United States, residing at Dayton, in the county of Montgomery and State of Ohio, have invented certain new and useful Improvements in Flue-Covers; 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.

This invention relates to improvements in flue-covers for preventing soot, dust, &c., from entering rooms; and the invention possesses the new and useful features hereinafter described and claimed.

The object of the invention is to provide a flue-cover which is comparatively inexpensive and which may be placed in position by any one, there being no complicated parts about the invention.

Referring to the annexed drawings, Figure 1 is an elevation of a portion of a wall surrounding the flue-opening, showing my improved flue-cover in position. Fig. 2 is a horizontal sectional view of Fig. 1. Fig. 3 is a detail view of a portion of the device. Fig. 4 is a view of a portion of the cover enlarged, showing the manner of securing the asbestos lining on the inner side thereof.

In a detail description of my invention similar reference characters designate corresponding parts.

The flue-cover 1 is made of sheet metal—such, for example, as tin—and is somewhat larger than the flue-opening in order that the edge of the cover may properly fit against the wall 2, surrounding said opening. The cover is concavo-convexed, and there is in the center thereof an opening 3, which is surrounded by a depression 4, which will be again referred to. The inner side of the cover is provided with a lining 5, of asbestos, which is secured thereto by means of spurs 6, which are stamped out of the cover and are clenched against the asbestos at suitable points to hold it in position. The cover is secured in position tightly against the wall surrounding the flue-opening by the means shown in Fig. 2,

which consists of a bar 7, which has its ends 8 turned at right angles and provided with screw-threaded openings to receive bolts 9 9, 55 which screw in and out of said openings. One of said bolts is provided with a head 10, which is rigid thereon. In the middle of said bar 7 there is a screw-threaded opening 11, into which screws a bolt 12. Bolt 12 has a head 13, by means of which it is inserted in the opening 3 in the cover and is screwed into the bar 7, and thereby the cover is brought in rigid contact with the wall surrounding the flue-opening. 65

In placing the device in position the bar 7 is first placed in the flue-opening the proper distance. The screw 9, having the rigid head, is screwed inwardly a sufficient distance to permit of the bar being thus placed within the flue-opening. The other of said screws 9 is then placed against the wall of the opening, and the head 10 is then turned until the other screw 9 is brought rigidly against the opposite side of the wall. After this has been done the cover is placed in the proper position and the bolt 12 passed through the opening 11 therein and is screwed into the bar 7, as hereinbefore stated. When the screw or bolt 12 is thus driven inwardly, the head 13 thereof enters the depression 4 in the center of the cover, and there is therefore no unnecessary projection beyond the outer surface of the cover that would interfere with papering over the cover. 85

Having described my invention, I claim—

1. In a flue-cover, the combination of a cover having a central opening therein, a bar located within the flue-opening, screws projected through said bar and securing said bar against the wall of the flue-opening, a bolt passing through an opening in the flue-cover and entering the bar, substantially as specified. 90

2. In a flue-cover, the combination of a cover having a central opening therein surrounded by a depression, an asbestos lining secured to the inner side of the cover, a bar located within the flue-opening, screws projected through said bar and adapted to secure said bar against the sides of the wall of the flue-opening, a bolt passing through the opening in the flue-cover and entering an opening in the bar, the head of said bolt lying within 100

the depression surrounding the opening in said cover.

3. In a flue-cover, the combination of a cover having a central opening therein surrounded by a depression, an asbestos lining secured to the inner side of said cover, a bar located within the flue-opening, screws projected through the ends of said bar and lying parallel with said bar by means of which the said bar is secured within the flue-opening, a head 10 on one of said screws by means of which the said screw is tightened against

the wall of the flue-opening, a bolt passing through the central opening in the flue-cover and entering the bar, the head of said bolt lying within the depression surrounding the opening in the cover, substantially as specified.

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

GEORGE H. BEATTY.

Witnesses:

R. J. McCARTY,

W. F. WOLLASTON.