

No. 814,853.

PATENTED MAR. 13, 1906.

M. B. LEE.

FLUE STOP.

APPLICATION FILED APR. 1, 1905.

Fig. 1.

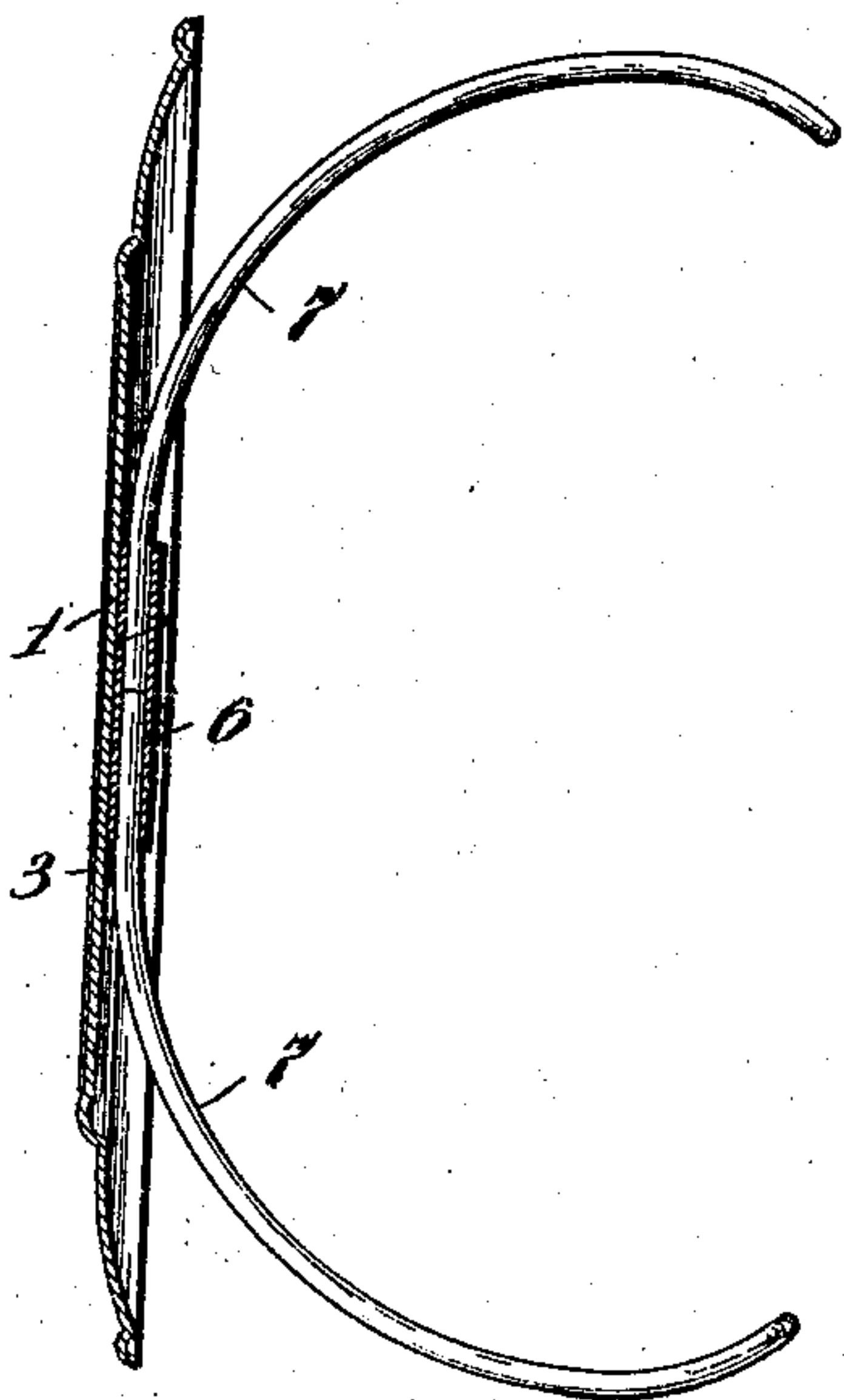
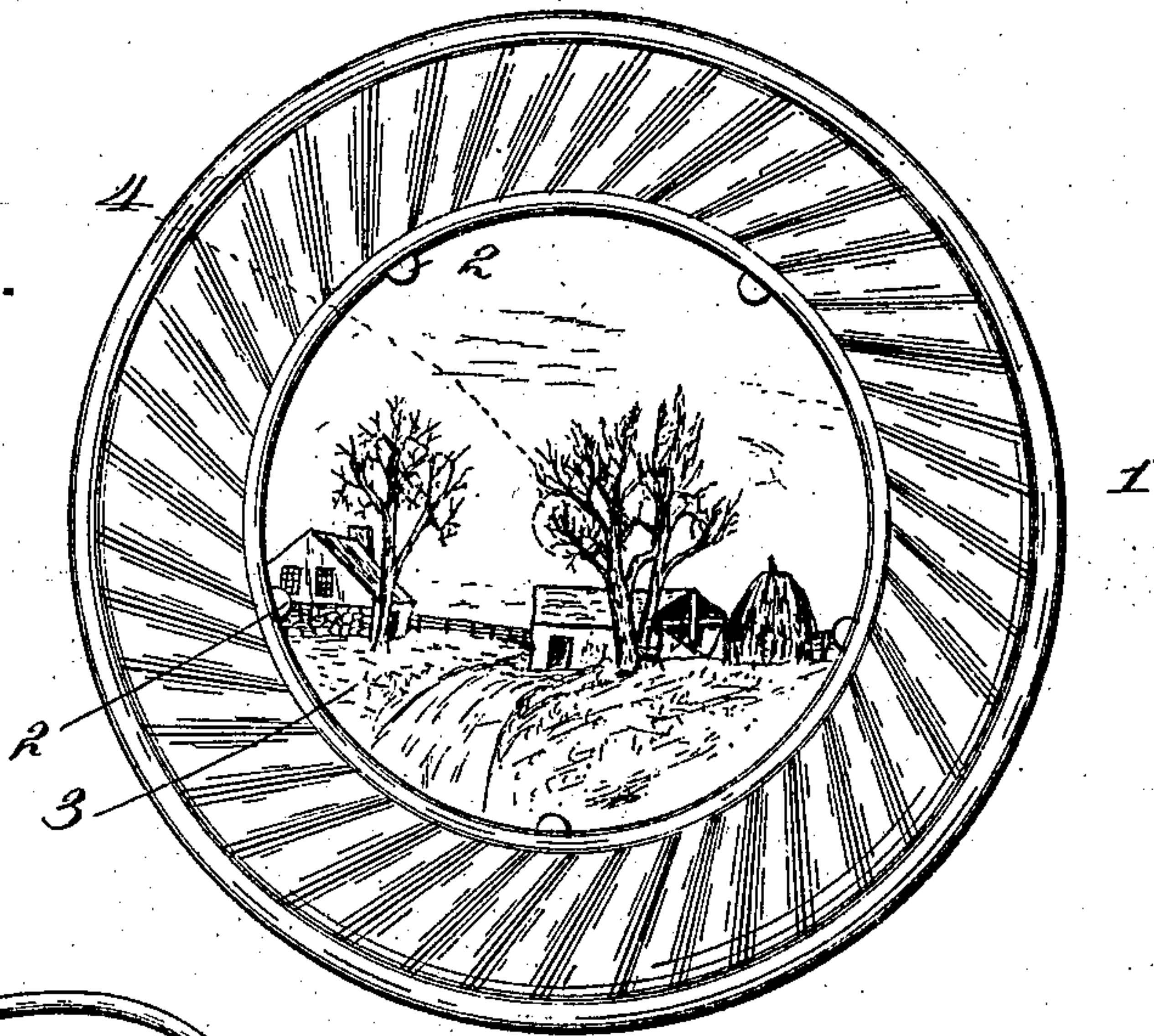


Fig. 2.

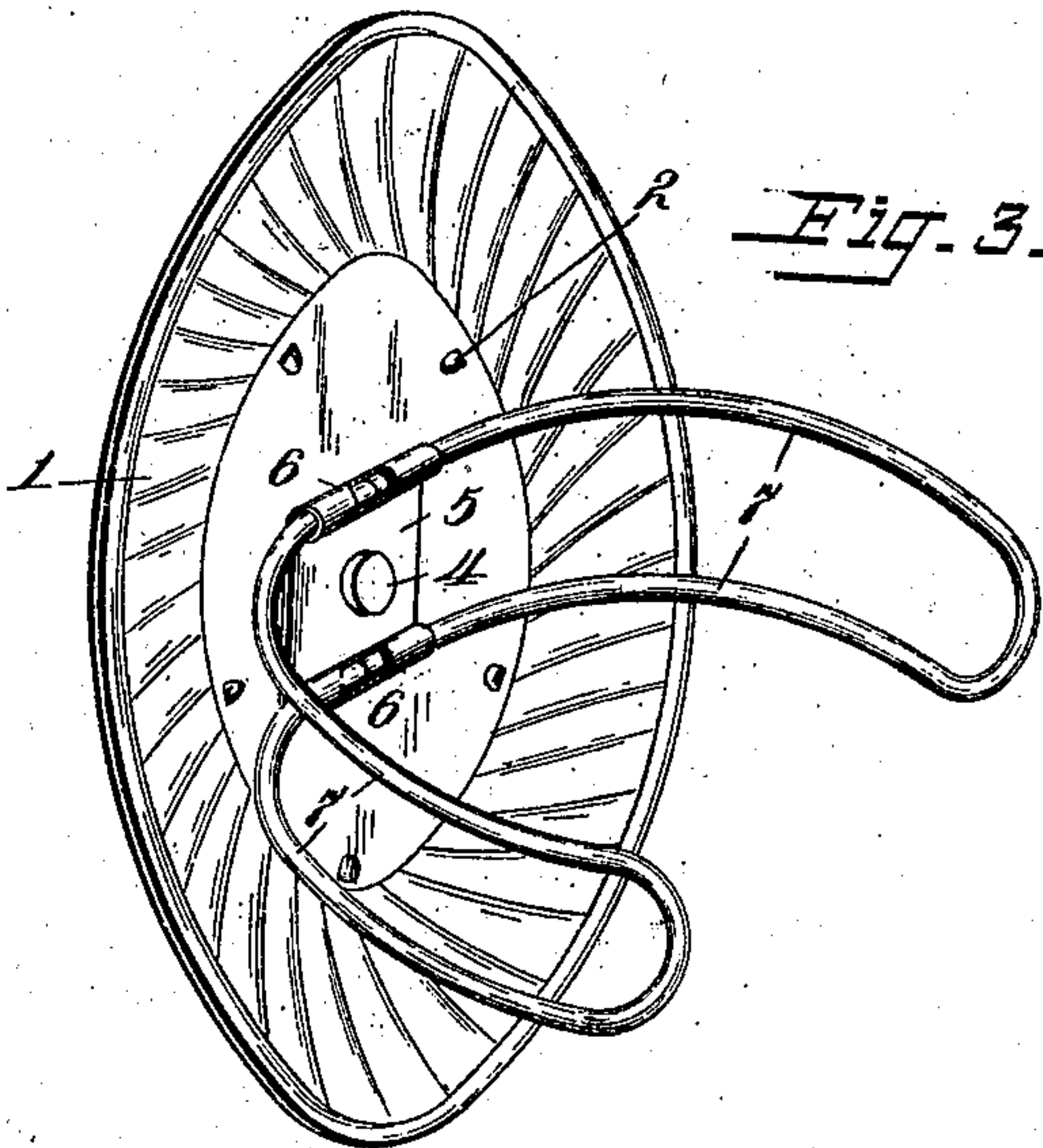


Fig. 3.

Witnesses
Edmondson
Frank V. Lockwood

Milo B. Lee Inventor

By *Geo. W. Haulin*
his Attorney

UNITED STATES PATENT OFFICE.

MILO B. LEE, OF COLUMBUS, OHIO.

FLUE-STOP.

No. 814,853.

Specification of Letters Patent.

Patented March 13, 1906.

Application filed April 1, 1905. Serial No. 253,303.

To all whom it may concern:

Be it known that I, MILO B. LEE, a citizen of the United States, residing at Columbus, county of Franklin, and State of Ohio, have
5 invented certain new and useful Improvements in Flue-Stops, of which the following is a specification.

My invention relates to flue-stops.

10 The object of the invention is the provision of novel means for securing the flue-stop in position to cover the flue.

A further object is the novel way in which the securing means are held on the stopper-plate and the novel way in which adjust-
15 ments can be secured, so as to adapt the flue-stop for a number of different-sized flues.

The invention consists in the ordinary flue-stopping plate, to which are connected springs in a novel way that are adapted to engage the
20 flue to hold the stopper-plate in covering position.

The invention further consists in the novel arrangement and combination of parts, which will be more fully hereinafter de-
25 scribed, and pointed out in the appended claims.

In the drawings which form part of this application, Figure 1 is a front view of my improved flue-stop. Fig. 2 is a sectional view,
30 and Fig. 3 is an isometrical view, of the device.

Referring more specially to the drawings, 1 represents the ordinary flue-stopping plate, which in this instance has tongues or lugs
35 2 stamped from its face, which are adapted to engage and hold in position a picture 3 of any suitable outline. Passing centrally through the plate 1 back of the picture 3 is a rivet 4, which is adapted to pivotally secure in place upon the back of the plate 1 a clip 5,
40 which is stamped up to form wire-receiving grooves or ways 6. These grooves or ways are adapted to receive the ends of bowed spring-wires 7 and to hold them adjustable therein. It will of course be understood that
45 the adjustment of these bowed spring-wires is limited somewhat; but they can of course be adjusted outwardly as far as they will hold within the grooves or ways 6 and adjusted inwardly until their ends meet. These

spring-bowed wires are each formed entirely
50 of one piece and are connected at their free or outer ends and are adapted to be inserted within the flue and to hold the stop-plate in place by reason of the friction exerted upon the sides of the flue.

55 The advantage of having the members of spring-wire and having them adjustable will be quite apparent, as chimneys have different-sized flues.

Flue-stops are usually provided with orna-
60 mental designs or pictures upon their faces which have a top and bottom. In other words, the pictures have a right side up. In order to always keep the picture in the proper position, I have provided the clip piv-
65 oted to the plate, so that should the springs not be tight in the flue in one position they could be turned to a position where they would be tight in the flue without disturbing the picture upon the stopping-plate. In all
70 other constructions known to me this could not be done, and in some instances the picture has to be removed from the face and turned around, so as to be vertical.

75 Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a device of the class described, the combination with a stopping-plate, of a clip pivotally secured to said stopping-plate and
80 provided with ways, and members held within said ways and extending oppositely to each other and adapted to engage the flue to hold the stopping-plate in position.

2. In a device of the class described, the
85 combination with a stopping-plate, of a clip pivotally secured to said stopping-plate and provided with ways, and bow-shaped springs slidably mounted within said ways adapted to engage the flue whereby the stopping-plate
90 is held in position.

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

MILO B. LEE

Witnesses:

ETNA DAVIS,
LELIA J. DAVIS