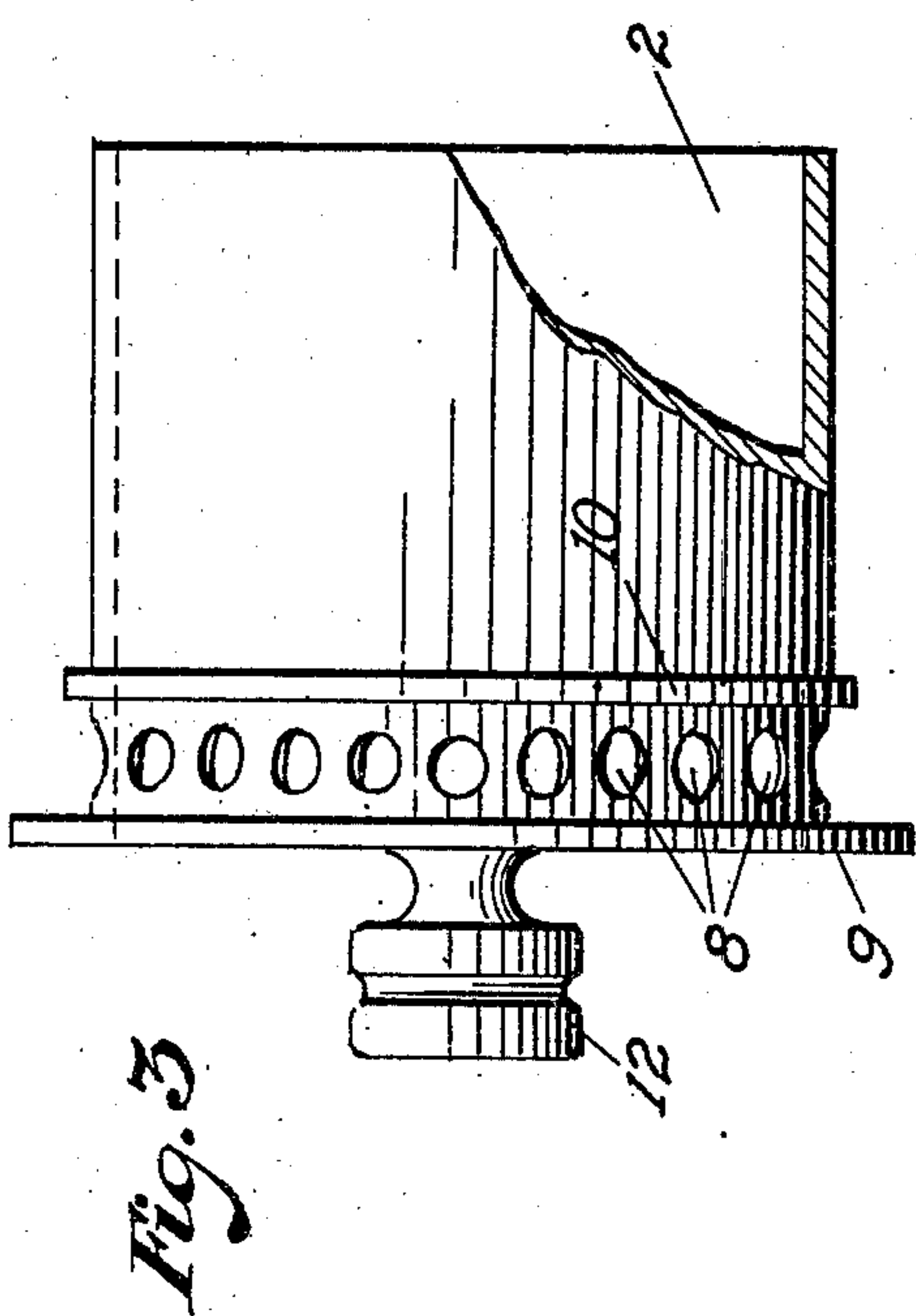
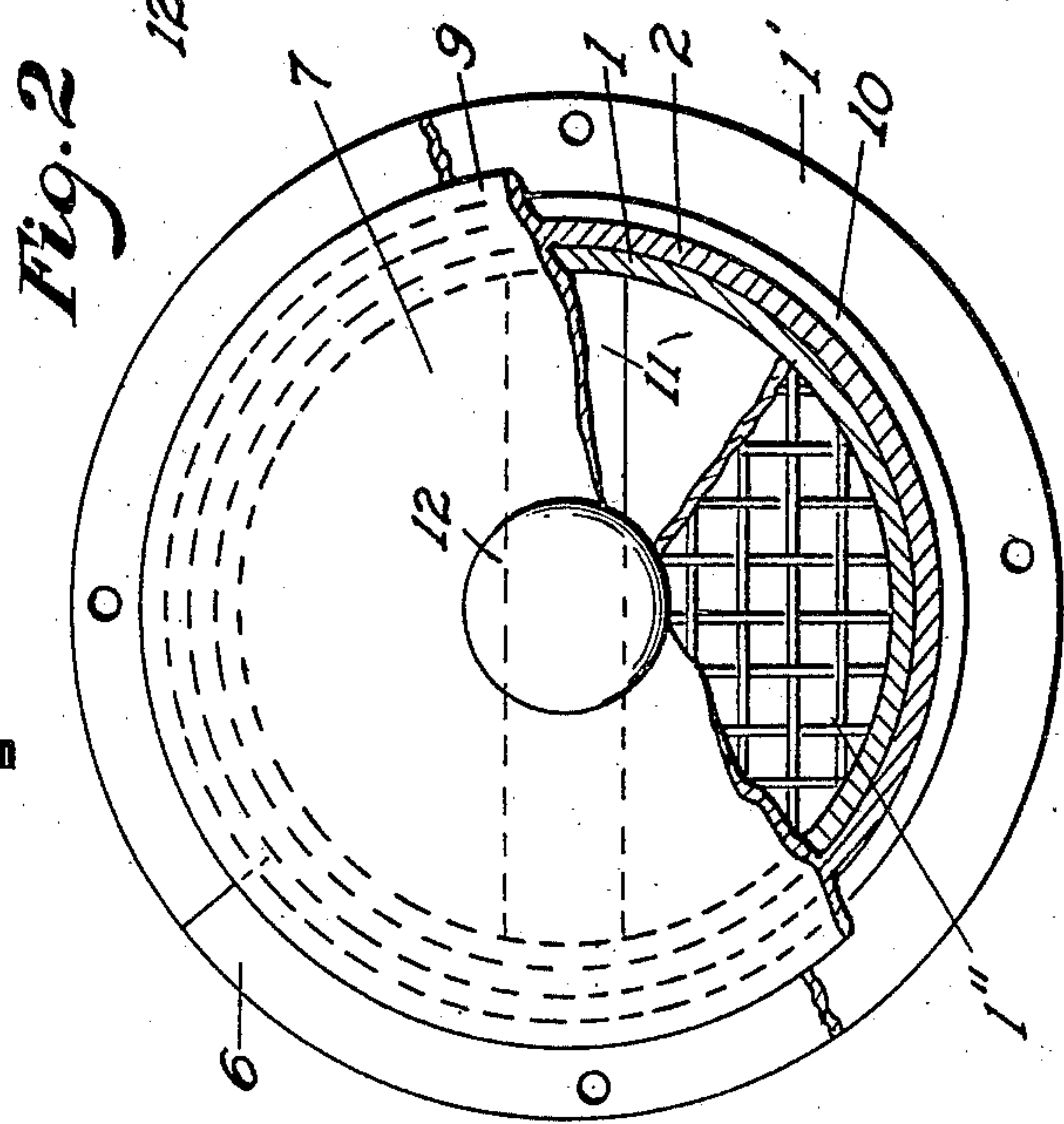
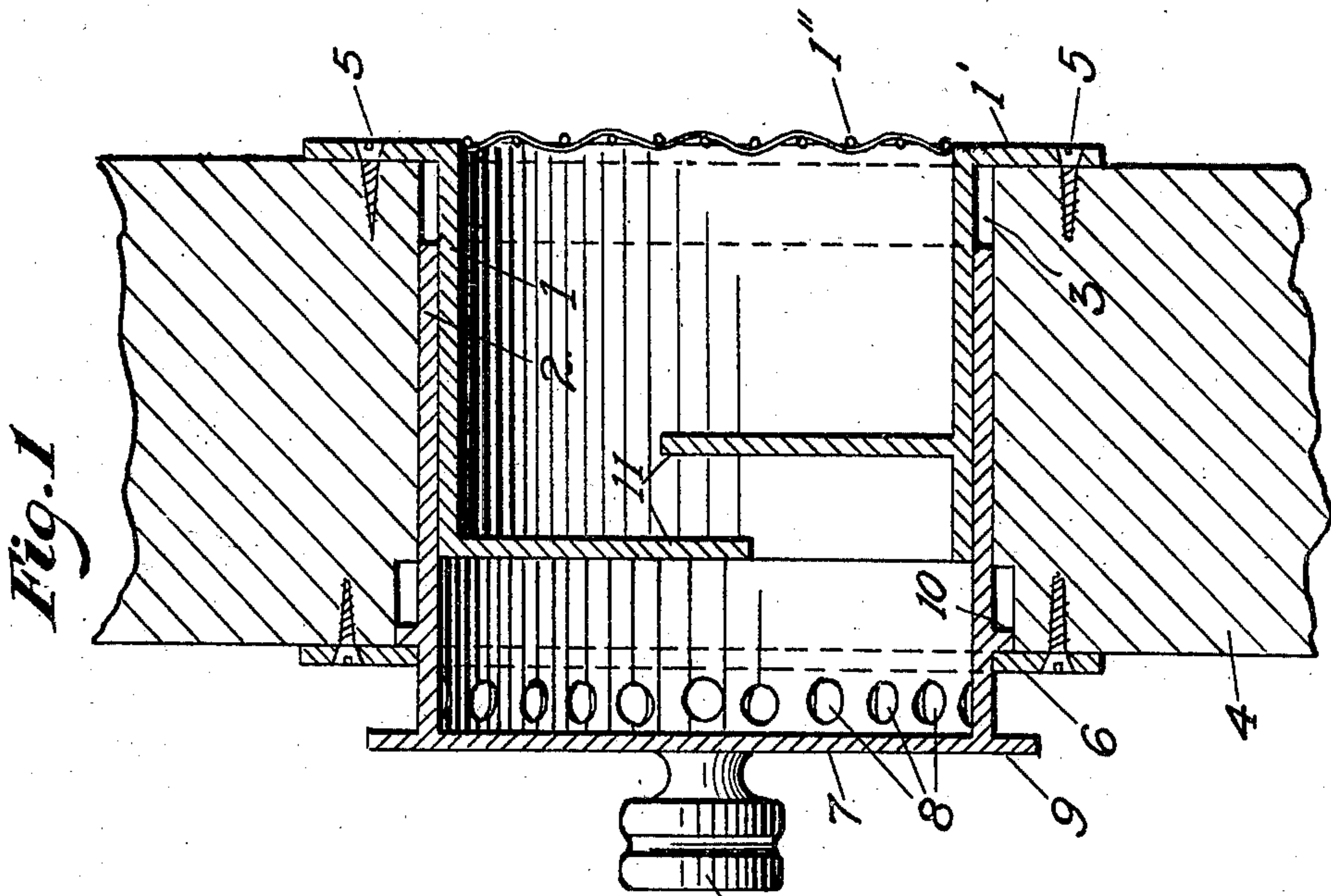


C. F. HENDERSON.
VENTILATOR.
APPLICATION FILED SEPT. 7, 1909.

960,917.

Patented June 7, 1910.



Inventor

Clinton F. Henderson.

Witnesses

Arlita Adams.
Roger Hovey.

By

Adams & Brooks.
Attorneys

UNITED STATES PATENT OFFICE.

CLINTON F. HENDERSON, OF SEATTLE, WASHINGTON.

VENTILATOR.

960,917.

Specification of Letters Patent.

Patented June 7, 1910.

Application filed September 7, 1909. Serial No. 516,619.

To all whom it may concern:

Be it known that I, CLINTON F. HENDERSON, a citizen of the United States of America, and a resident of the city of Seattle, in the county of King and State of Washington, have invented certain new and useful Improvements in Ventilators, of which the following is a specification.

My invention has for its primary object to provide a ventilator of novel construction, particularly adapted for ventilating buildings.

A further object resides in the provision of a structure of this character formed of sections which may be adjusted to adapt the device to walls of various thicknesses, and through the medium of which the ingress of air is controlled.

With the above and other objects in view, to be referred to as my description progresses, my invention resides in the features of construction, arrangement and combinations of parts hereinafter described and succinctly defined in my annexed claims.

Referring to the accompanying drawing, in which like numerals of reference indicate like parts throughout: Figure 1 is a sectional view through the wall of a building with my invention applied thereto. Fig. 2 is an end elevation of my invention with parts broken away, and Fig. 3 is a detail view of the slidable or damper section of the device.

My ventilator comprises telescoping hollow sections 1 and 2, shown as being of tubular form, which may be arranged in any desired manner for ventilating a room or apartment, a convenient manner however, consisting in positioning the same in a suitable opening 3 of a wall, as 4, of such room or apartment, and securing the outer section, which may be provided with a screen covering 1", against accidental displacement, as by screws 5, passing through the flange 1' thereof.

When the device is applied in position, section 2 is free to slide on section 1 for varying the projection of its free end portion from the adjacent fixed wall plate 6, which free end portion of this section is

closed by an end wall 7 and formed in its side wall adjacent said end wall with air discharge openings 8.

Reference numeral 9 indicates a flange for deflecting the air as it enters the room, and further, for limiting inward movement of section 2. A flange 10 of less width than flange 9 is provided for limiting outward movement of this section, the same being adapted for engagement with the inner face of the wall plate, as will be readily understood. A plurality of deflectors 11 may be arranged in section 1 to provide a tortuous passage-way for the air, said deflectors extending inwardly from opposite sides of said section and being spaced in the direction of its length, as clearly shown in Figs. 1 and 2.

With the ventilator in its open position, as shown in Fig. 1, to regulate the discharge of air therefrom, it is only necessary to slide section 2 inwardly until a portion or all of the openings 8 thereof are disposed at the inner side of the wall plate. A knob 12 or other suitable hand grip may be provided on section 2 to be grasped by the operator in the sliding of said section.

Having thus fully described my invention, what I claim as new and desire to secure by Letters Patent of the United States, is:—

1. A ventilator comprising telescoping sections, means for securing one of said sections against movement, a wall plate through which the other of said sections projects, said last named section receiving and being slidable on said first named section, and stop means comprising flanges provided on said last named section on opposite sides of said wall plate for limiting the movement of said section, said last named section being formed with air discharge openings between the said flanges thereof.

2. In combination with a wall formed with an opening having one end portion enlarged, a wall plate projecting over the enlarged end portion of the opening of said wall, a ventilator section slidably supported in the opening of said wall and in said wall plate and provided with a flange arranged in the enlarged end portion of said wall

opening for engagement with said wall
plate, said ventilator section being provided
in its outer end portion with air discharge
openings, and another ventilator section
5 projecting into said first named section and
being secured to said wall against move-
ment.

Signed at Seattle, Washington this 27th
day of August 1909.

CLINTON F. HENDERSON.

Witnesses:

HERCHMER JOHNSTON,
STEPHEN A. BROOKS.