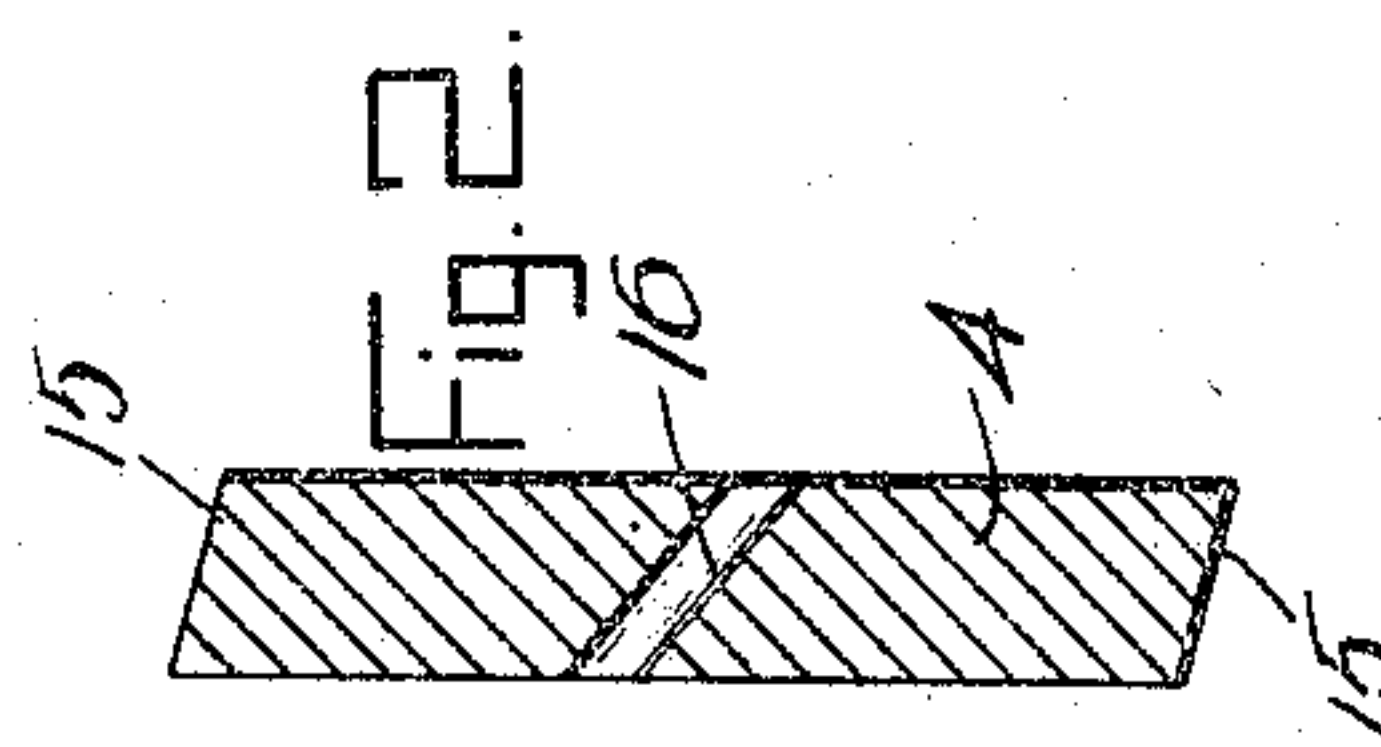
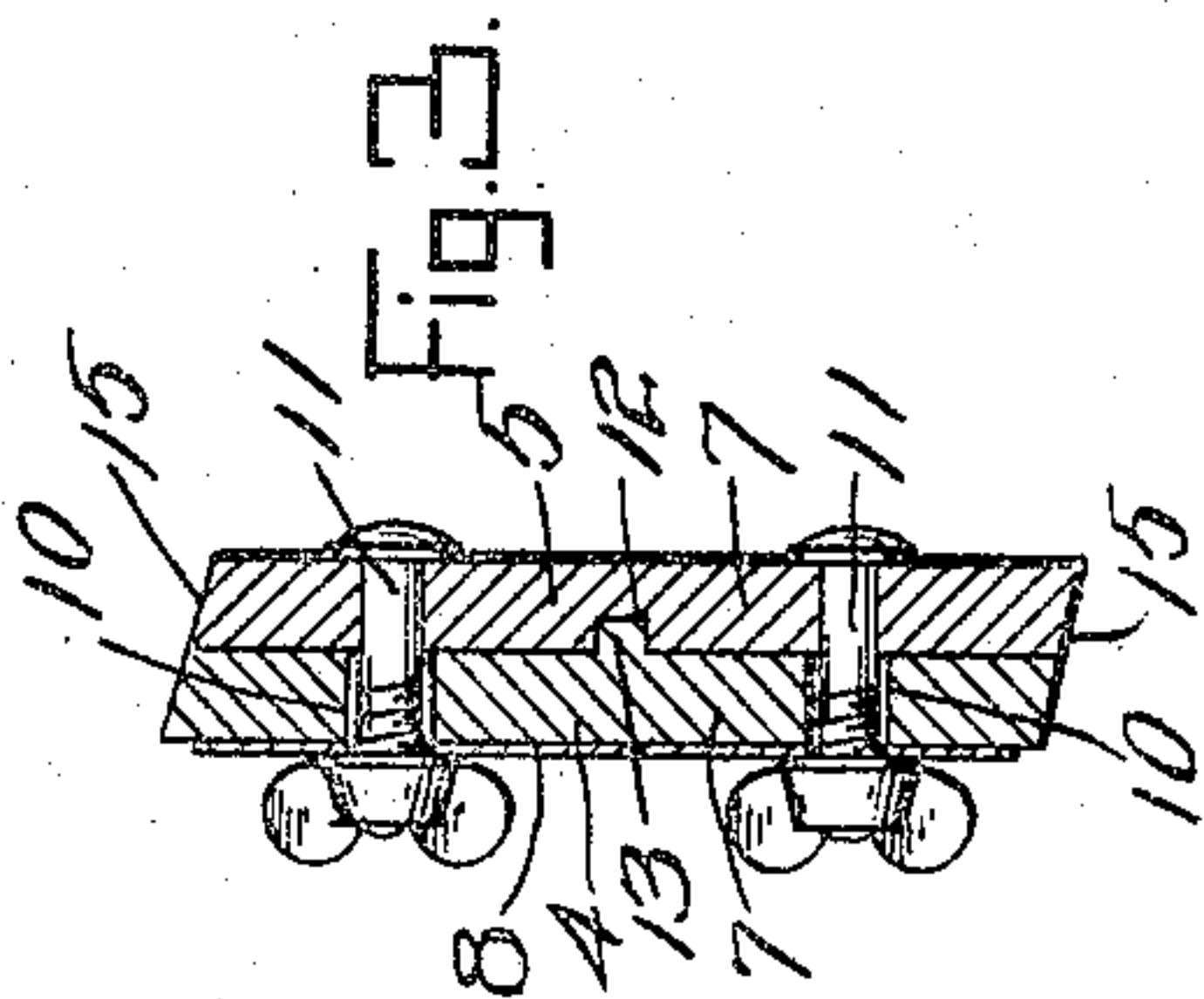


VENTILATOR.

900,560.

Patented Oct. 6, 1908.



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UNITED STATES PATENT OFFICE.

EDWARD B. LOOMIS AND GALEN O. LOOMIS, OF MEMPHIS, TENNESSEE.

VENTILATOR.

No. 900,560.

Specification of Letters Patent.

Patented Oct. 8, 1908.

Application filed May 21, 1903. Serial No. 434,171.

To all whom it may concern:

Be it known that we, EDWARD B. LOOMIS and GALEN O. LOOMIS, citizens of the United States, residing at Memphis, in the county of Shelby and State of Tennessee, have invented certain new and useful Improvements in Ventilators; 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.

Our invention relates to ventilators, and particularly to window ventilators.

The object of the invention is to provide a device of this character which will be cheap and efficient, and also adapted to be applied to windows of different size.

With these and other objects in view, the invention consists of certain novel features of construction, combination and arrangement of parts, as will be more fully described and particularly pointed out in the appended claims.

In the accompanying drawings, Figure 1 is a front elevation, Fig. 2 is a vertical sectional view on the line 2—2 of Fig. 1, and Fig. 3 is a similar section on the line 3—3 of Fig. 1.

Referring more especially to the drawings, 1 represents the frame of the window, and 2 and 3 the lower and upper sashes, which are slidably mounted within the frame, as is usual.

The ventilator comprises a pair of members 4 and 5, each having a cut-away portion which forms a shoulder 6, and a reduced end 7. These reduced ends are overlapped and the outer one of the two forming a part of the member 5 is covered by a metallic plate 8, which is slotted at 9, to register with similar slots 10, formed in the reduced end 7 so as to accommodate the adjusting bolts 11, which pass through apertures formed in the reduced end of the member 4. The reduced end of the member 4 is provided also with a longitudinal groove 12, which is engaged by a rib 13, carried upon the reduced end of the member 5 and arranged in between the two adjusting bolts 11. This rib and groove are adapted to keep the members in alinement.

The entire device is beveled upon its top and bottom sides as at 15, to conform to the shape of the sill and the lower bar of the lower sash, and each member is provided with an elongated aperture 16, for the purpose of ventilation.

In operation the device is inserted between the sill and the bar of the lower sash, as shown in Fig. 1 and the members adjusted toward or away from each other so as to place the ends of each member 4 and 5 between the parting strip and the bead of the lower sash. This will allow considerable fresh air to enter between the upper and lower sashes, and also permits considerable air to pass through the apertures 16.

From the foregoing description, taken in connection with the accompanying drawings, the construction and operation of the invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention as defined in the appended claims.

Having thus described our invention, what we claim and desire to secure by Letters Patent is:—

In a device of the class described, the combination with a pair of members, of means for holding said members in alinement with each other, a pair of bolts carried by one of said members and adapted to enter adjusting slots in the other of said members, nuts carried by said bolts whereby the members may be held in adjusted position, and beveled edges to fit the sill and sash, said members each having a diagonally disposed elongated ventilating slot.

In testimony whereof we have hereunto set our hands in presence of two subscribing witnesses.

EDWARD B. LOOMIS.
GALEN O. LOOMIS.

Witnesses:

GERTRUDE STEWART;
EULA FERRELL.