

J. D. RIPSON.
VENTILATOR.

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900,595.

Patented Oct. 6, 1908.

Fig 1.

Fig 4.

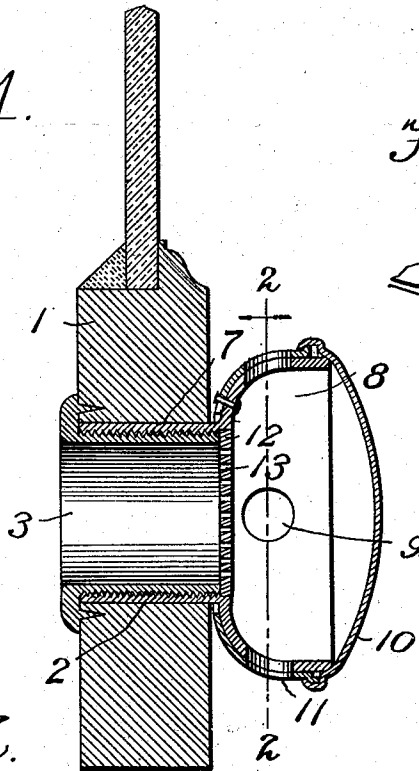
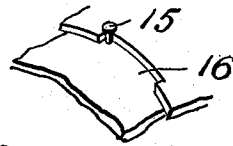
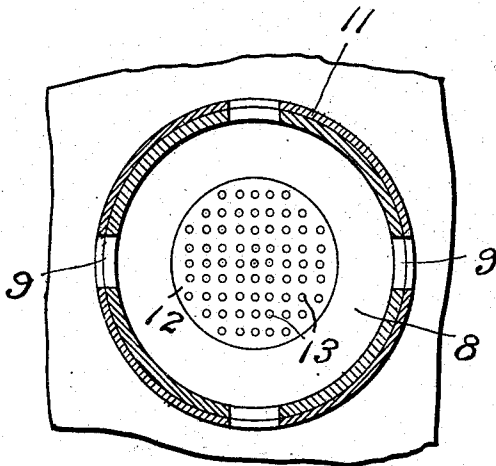
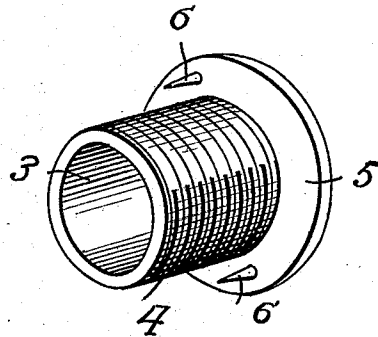


Fig 2.

Fig 3.



Witnesses
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By

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UNITED STATES PATENT OFFICE.

JOHN D. RIPSON, OF ROCHESTER, NEW YORK.

VENTILATOR.

No. 900,595.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, JOHN D. RIPSON, a citizen of the United States, residing at Rochester, in the county of Monroe and State of New York, have invented new and useful Improvements in Ventilators, of which the following is a specification.

This invention relates to ventilators, for window sashes, and the object of the invention is to provide a simple device of this character, having means whereby it may be adjusted to suit the thickness of the various sizes of window frames, and which is provided with a knob upon the inner face of the frame, which may be turned to register with openings provided upon a sleeve, thus allowing the entrance of air into the room, and which also serves as an effective lift for raising the window sash.

With these and other objects in view the invention resides in the novel construction of elements and their arrangement in operative combination, hereinafter fully described and claimed.

In the accompanying drawings, Figure 1 is a vertical transverse sectional view of the base rail of a window sash and my improved ventilator. Fig. 2 is a longitudinal section upon the line 2—2 of Fig. 1. Fig. 3 is a detail perspective view of the sleeve member of my improvement which is applied to the outer face of the sash rail. Fig. 4 is a fragmentary perspective view, illustrating the means for regulating the opening and closing of the air inlet openings of my device.

In the drawings, the numeral 1 designates the base rail of an ordinary window sash, and the numeral 2 a cylindrical opening provided in the sash frame.

My improved ventilator comprises two sleeves or tubes, one provided with interior and the other provided with exterior threads whereby they are secured together.

In the drawings the numeral 3 designates the male member of my device. This member 3 comprises a tube having exterior threads 4, and provided at one of its ends with a flange 5. The inner face of this flange 5 is provided with a plurality of prongs 6, by which the device is adapted to be secured upon the outer face of the base rail of the sash. The female member 7, comprises a tube having interior threads adapted to engage with the exterior threads of the member 4, when the members 7 and 3 are positioned within the opening 2 provided by the base

rail 1. The female member 7 is provided upon one of its ends with an enlargement 8. This enlargement is provided with a series of openings 9 upon its face, and a knob 10, provided with corresponding openings 11, is adapted to be positioned upon the extension 8 of the member 7. The extension 8 is of a thickness approximately equaling that of the sleeve 7 and is cylindrical in cross sectional contour so that the hollow knob 10 may be free to rotate upon the extension.

The member 7 is provided with a plate 12 having a series of small openings 13, through which the air is adapted to pass, and which serves as an effective screen to prevent the entrance of dirt and the like into a room when the openings provided by the extension 8 and the hollow handle 10 are in alinement. The opened face of the hollow handle 10 is provided upon its end with a suitable cut away portion 14, and the extension 8 is provided with a pin or pintle 15 adapted to contact with the edges provided by the cut away portion of the handle. The edges of the cut away portion 14 are of a width slightly greater than the width of the openings provided in the extension 8, so that the openings of the extension and the knob are brought into alinement when the shoulder of the cut away portion upon one side contacts with the pintle 15, and are closed when the shoulder upon the opposite side is brought into contact with the pintle.

From the above description it will be seen that I have provided an extremely simple, cheap and effective ventilator for window sashes, one which is readily and easily adjustable to the various thicknesses of the rails, and in which air is admitted to a room by simply turning a knob which is also adapted to be used as a lift for the window sash.

Having thus fully described the invention what is claimed as new is:

1. A ventilator for window sashes comprising a thimble having exterior threads and a flange provided with spikes, a sleeve having interior threads adapted to engage the threads of the thimble, an extension upon the sleeve, said extension being provided with a series of openings, a hollow knob for the extension provided with openings adapted to aline with the openings of the sleeve, the knob being provided with a cut away portion, the sleeve being provided with a pintle within the cut away portion, one shoulder

of the cut-away portion adapted to contact with the pin when the openings of the extension and knob aline and the opposite shoulder adapted to contact with the pin when the
5 openings are not alined.

2. In a ventilator, a sleeve having interior threads and an extension and being provided with a ventilating grate, a thimble having threads adapted to aline with the threads of
10 the sleeve, a flange having spikes upon the thimble whereby the thimble is secured to a window sash frame, a hollow knob upon the extension of the sleeve, the extension of the

sleeve and the knob being provided with openings, the knob being provided with a cut
away portion, the sleeve being provided with
a projection adapted to contact the shoulders
of the cut away portion of the knob to bring
the openings of the sleeve into and out of
alinement with the openings of the knob. 15 20

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

JOHN D. RIPSON.

Witnesses:

JAMES P. O'CONNOR,
IDA E. SALISBURY.