

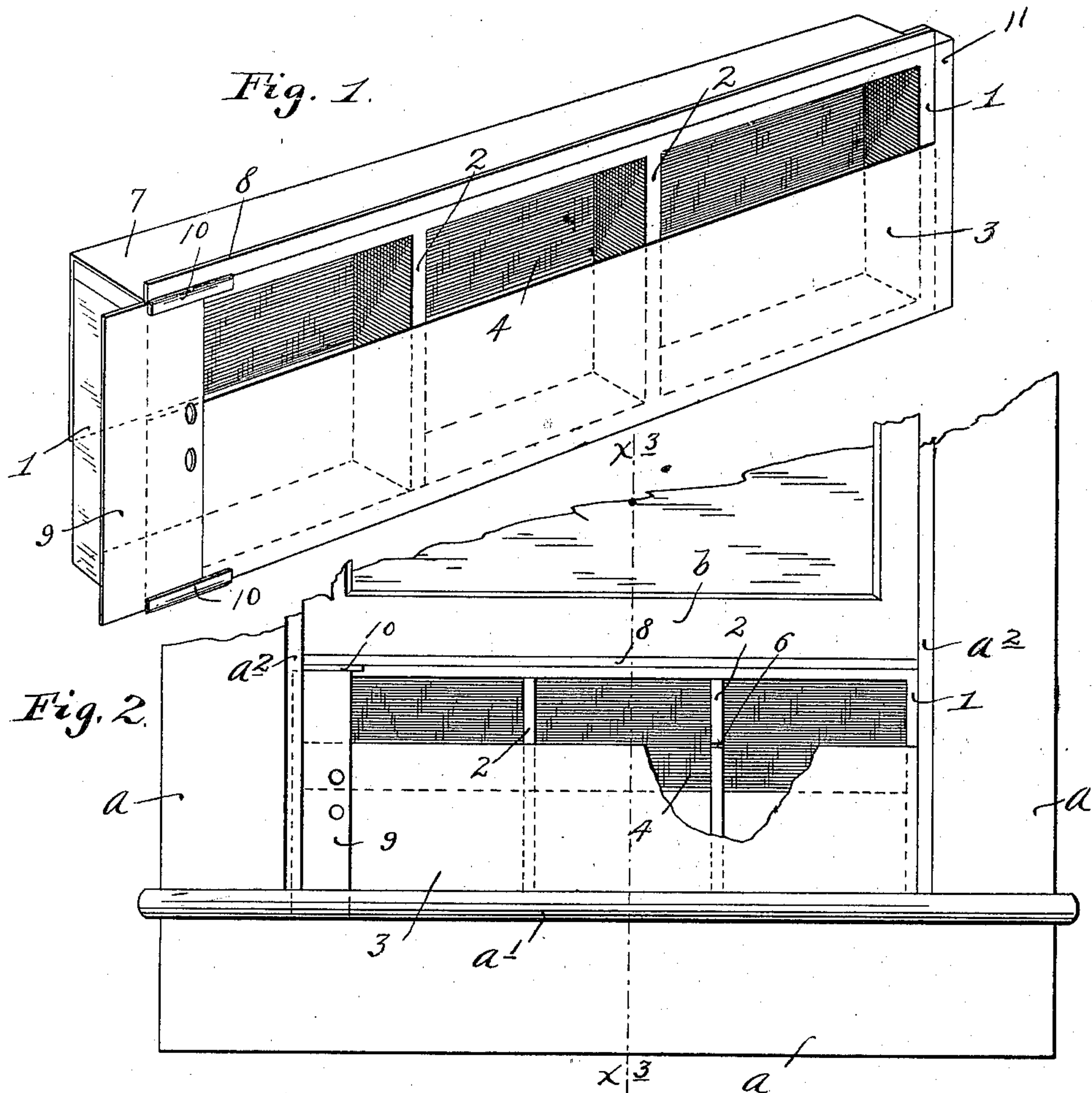
No. 625,891.

Patented May 30, 1899.

J. A. MAUL.
WINDOW VENTILATING DEVICE.

(Application filed Feb. 23, 1898.)

(No Model.)



Witnesses.
Harry Kilgore.
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UNITED STATES PATENT OFFICE.

JOHN A. MAUL, OF MINNEAPOLIS, MINNESOTA.

WINDOW VENTILATING DEVICE.

SPECIFICATION forming part of Letters Patent No. 625,891, dated May 30, 1899.

Application filed February 23, 1898. Serial No. 671,223. (No model.)

To all whom it may concern:

Be it known that I, JOHN A. MAUL, a citizen of the United States, residing at Minneapolis, in the county of Hennepin and State of Minnesota, have invented certain new and useful Improvements in Window Ventilating Devices; and I do hereby 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.

My invention has for its object to provide an improved ventilating-frame which when placed in the opening of a partially-opened window will afford ventilation, but will prevent rain from entering through the same during a storm or shower.

To the ends above noted my invention consists of the novel devices and combinations of devices hereinafter described and defined in the claims.

The preferred form of my invention is illustrated in the accompanying drawings, wherein like characters indicate like parts throughout the several views.

Figure 1 is a perspective view of the ventilating-frame removed from working position. Fig. 2 is an inside elevation, with some parts broken away, showing the ventilating-frame in working position in a partially-opened window; and Fig. 3 is a vertical section taken on the line $x^3 x^3$ of Fig. 2.

a indicates the window-frame, having the sill a' and the window-strips a^2 .

1 indicates the oblong rectangular frame of the ventilator, which, as shown, is provided with vertical partitions 2. A long plate 3, preferably of tin or sheet-iron, is secured across the lower portion of the inner side of the frame 1, and in a similar manner a plate 4, also preferably of tin or sheet-iron, is secured across the upper portion of the outer side of said frame 1. The said plates 3 and 4 overlap each other to a considerable extent, but are of course spaced apart by the frame 1, so that a vertical air-channel is formed between the same. The upper edge of the plate 3 is turned downward at an acute angle to the body, as shown at 5, this portion 5 being preferably fitted into notches or seats 6, formed in the partitions 2. This downturned

flange 5 will serve to cut off or intercept water which may be blown or splashed upward against the plate 3. As shown and preferred, the plate 4 is provided with a horizontally-turned portion 7, that extends across the top of the frame 1 and terminates in an upturned flange 8, that stands in vertical line with the inner plate 3 for a purpose which will presently appear.

At one end the ventilating-frame is provided with a longitudinally-movable slide or extension-plate 9, that works in keepers 10, secured on the inner face of the frame 1. At its other end the frame 1 is provided with a fixed flange or web 11.

b indicates the movable window-sash.

The device is placed in working position by setting the lower edge of the frame 1 on the bottom of the window-sill against and just outward of the sill a' and with the vertical flange or ledge 11 projected back of the window-strip a^2 which is on that side of the window. The adjustable slide or plate 9 should then be extended back of the window-strip a^2 which is on that side of the window, and then when the window-sash b is lowered onto the frame 1, with the upturned flange 8 engaging its inner lower edge, the device is secured in position. If desired, the passage through the ventilating-frame may be covered at some suitable point with a wire screen or mosquito-netting.

This device will serve to effectually exclude rain and will afford good ventilation.

It will of course be understood that alterations in the specific details of construction above described may be made without departing from the spirit of my invention.

Simplicity and cheapness of construction are important features secured in my invention above described.

What I claim, and desire to secure by Letters Patent of the United States, is as follows:

1. A window ventilating device, comprising the rectangular frame 1, and the overlapping vertical baffle-plates 3 and 4, spaced apart laterally and secured to said frame 1 in such positions that the baffle-plate 4 is directly exposed to the weather, or exterior of the room, and the baffle-plate 3 is directly exposed to the interior of the room, and the said

plate 3 having the downturned flange 5 at its upper edge, for preventing splashing of rain into the room, substantially as described.

2. A window ventilating device, comprising the rectangular frame 1, constructed to fit into an open window, the inner baffle-plate 3 secured to said frame, and provided with the downturned flange 5, and the outer baffle-plate 4 having formed integrally therewith the horizontal section 7, terminating in the

upturned flange 8, which parts 7 and 8 engage and interlock with the window-sash, to hold said frame in position, substantially as described.

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

JOHN A. MAUL.

Witnesses:

LILLIAN C. ELMORE,
F. D. MERCHANT.