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S. D. LEWIS & H. M. FESSENDEN.  
COMBINED VENTILATOR AND WEATHER SHIELD FOR WINDOWS.

APPLICATION FILED NOV. 21, 1902.

NO MODEL.

Fig.1

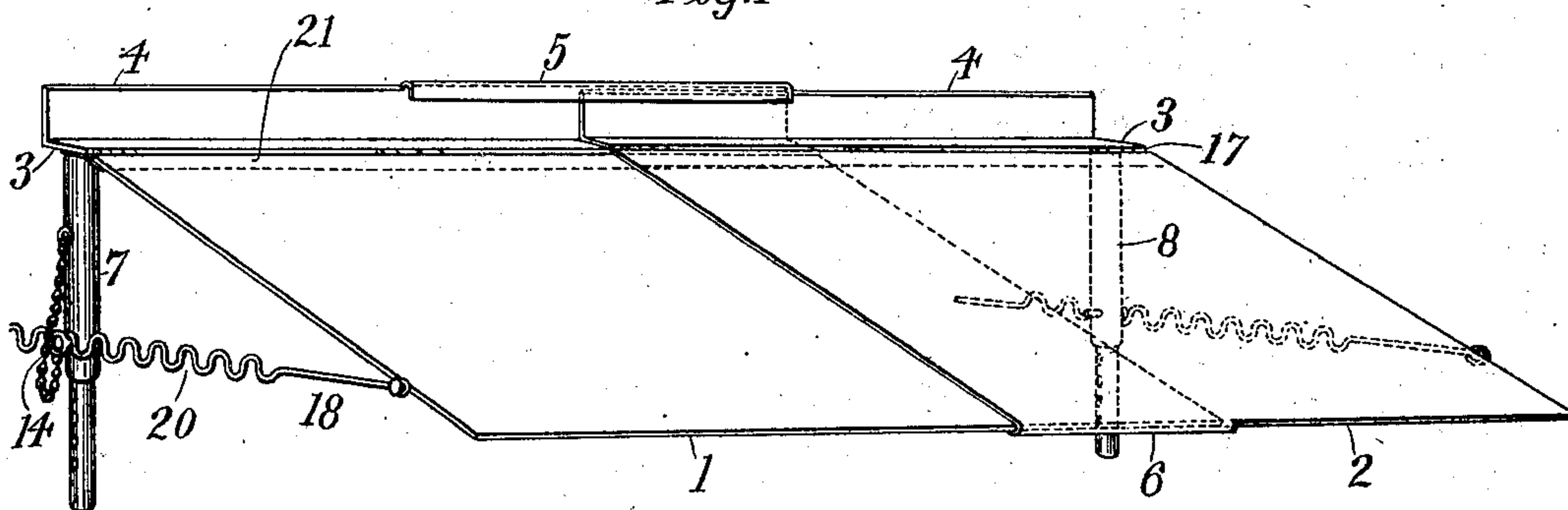


Fig.2

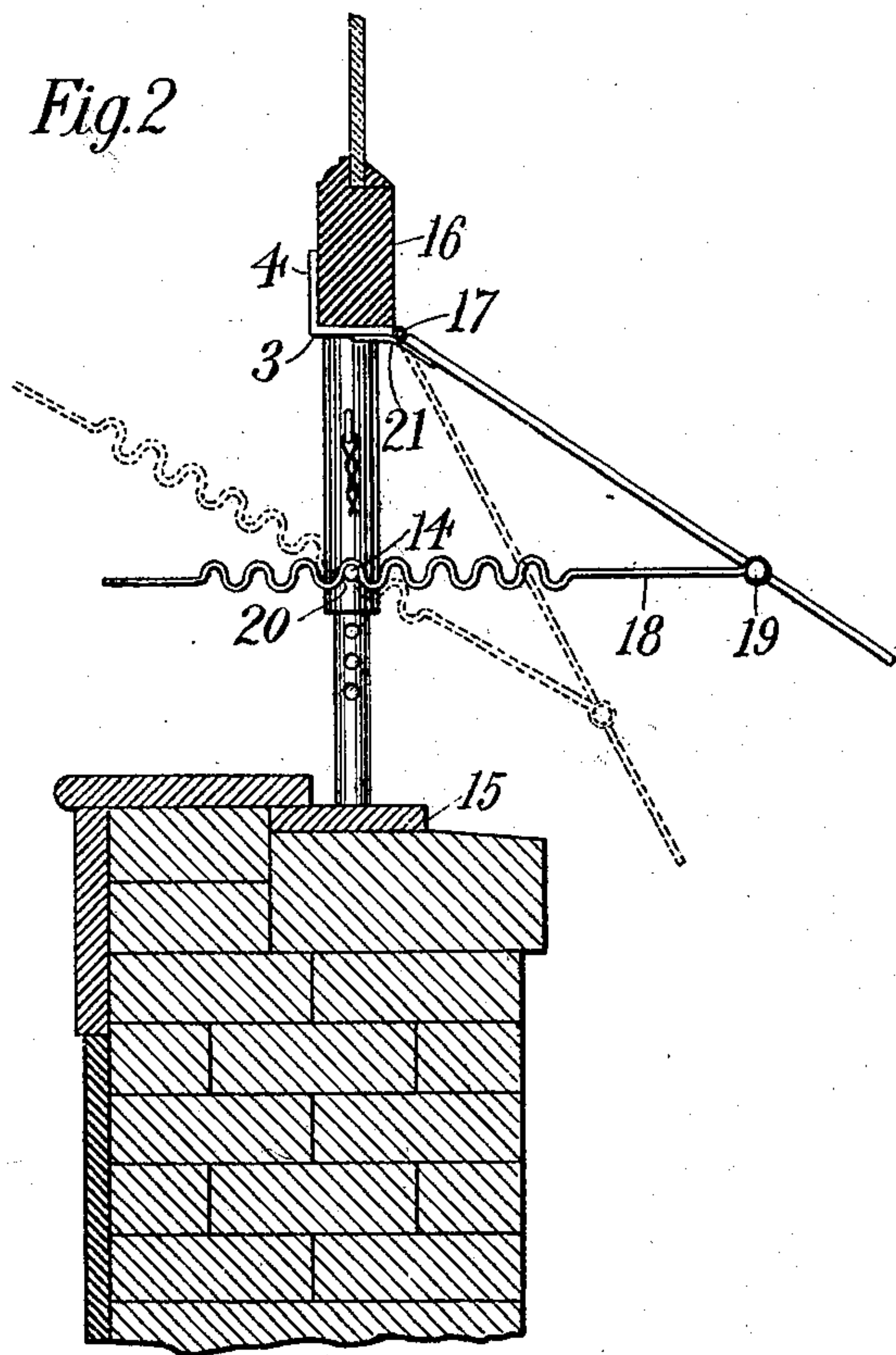
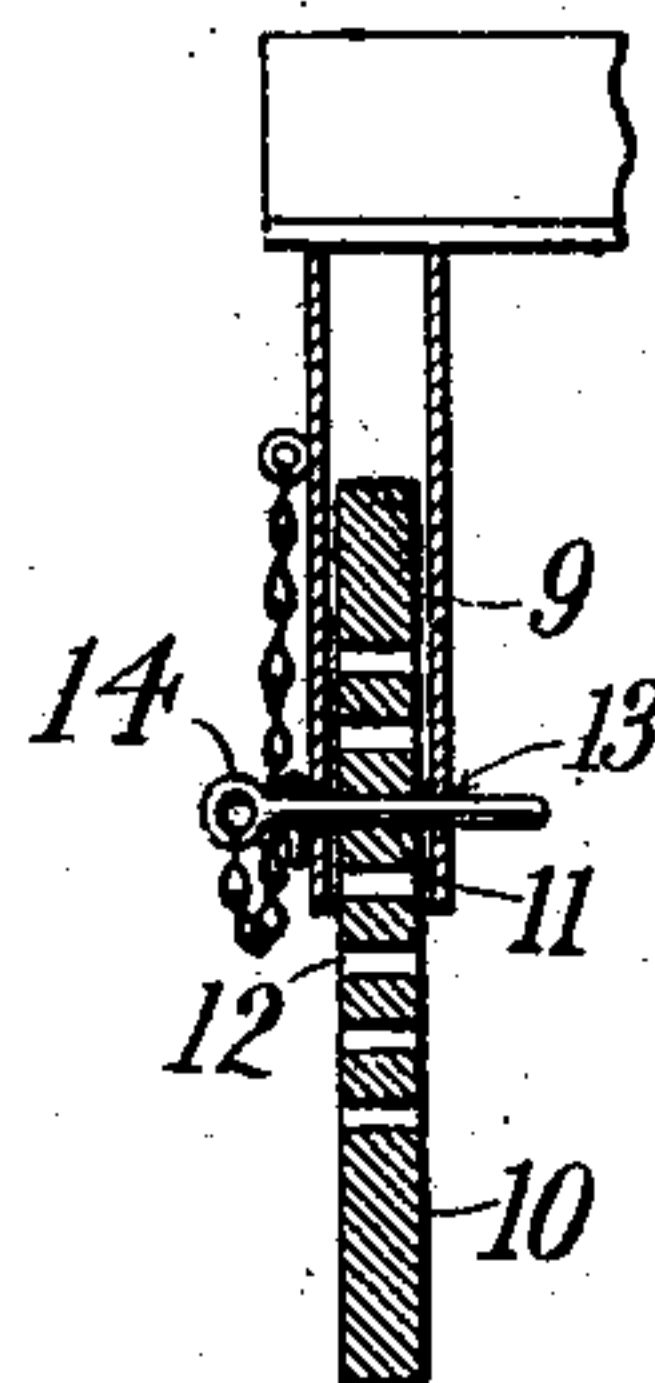


Fig.3



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# UNITED STATES PATENT OFFICE.

SARAH D. LEWIS AND HARRY M. FESSENDEN, OF NEW YORK, N. Y.

## COMBINED VENTILATOR AND WEATHER-SHIELD FOR WINDOWS.

SPECIFICATION forming part of Letters Patent No. 720,712, dated February 17, 1903.

Application filed November 21, 1902. Serial No. 132,201. (No model.)

*To all whom it may concern:*

Be it known that we, SARAH D. LEWIS and HARRY M. FESSENDEN, citizens of the United States, residing at New York, borough of Manhattan, county and State of New York, have invented certain new and useful Improvements in a Combined Ventilator and Weather-Shield for Windows, of which the following is a specification, reference being had to the drawings accompanying and forming part of the same.

Our invention relates to devices for securing ventilation through an open window, and has for its object to provide a device which is adjustable to fit any window, with means to protect the open space from rain, snow, wind, &c.

To these ends it consists, essentially, of an angularly-adjustable apron or shield, which may also be adjusted to vary its width, and means for supporting the same at any height.

Referring now to the drawings, Figure 1 is a perspective view of a convenient embodiment of our invention. Fig. 2 is an end view of the device in use, showing the window parts in section. Fig. 3 is a detail view in section of the adjustable legs.

Throughout the various figures, 1 2 represent depending shield-sections, each having a horizontal portion 3 and a vertical flange 4. One of the flanges has a guide 5, in which the other slides, while the other shield-section has a guide 6 on its lower portion extending over the edge of section 1, as shown. The parts may thus be readily adjusted to vary the width of the entire structure, so that it will fit closely in any window. The apron or shield may be made of any suitable material, such as light wood or metal.

Legs 7 8 are provided to support the device in position, preferably adjustable, as shown. They each consist of a tubular member 9, in which fits another member or part 10, the latter having a number of holes, as 11 12. In the hollow part are holes 13, with which those in the member 10 may be made to register.

Through the registered openings a pin 14 is thrust to hold the parts in adjusted position. It will thus be seen that the legs or supports may be arranged to hold the shield at any desired height.

Fig. 2 shows the device in use, 15 being the window-ledge and 16 the sash. The latter rests on the horizontal part 3, with the flange 4 fitting closely on the inside. In order that the shield may be conveniently used in an opening of any desired height with equal protection to the same, the sections 1 2 are hinged in any suitable manner, preferably at the edge 17 of the horizontal part 3. The inclined portions may then be raised or lowered, so that the opening, whether large or small, will be completely protected from the weather. To hold the apron in the desired position, a brace 18 is provided, pivoted at 19 and having a number of loops or openings 20. As the shield is raised or lowered one or another of the loops fits over the pin 14, and thus secures the shield at the desired angle. A brace may be provided at each end of the device, as shown, when convenient. To prevent rain penetrating at the hinge-joint, a strip of waterproof material may be secured on the parts, as shown at 21, or the hinge itself may be made of such material.

From the foregoing it will be seen that our invention presents certain advantages over the devices heretofore proposed for analogous purposes, which lack the adjustable features characteristic of our construction. The embodiment illustrated and described we regard as a convenient form, but of course is typical merely of our invention and not of its essence.

What we claim is—

1. A combined ventilator and weather-shield comprising, in combination, a plurality of angularly-adjustable depending shield-sections, means for supporting the device in a window, and means for angularly adjusting the shield-sections, as and for the purposes set forth.

2. A combined ventilator and weather-

shield comprising, in combination, a plurality of depending longitudinally-adjustable shield-sections hinged near one side, adjustable supports whereby the shield may be supported at any height in a window, and means for angularly adjusting the shield-sections, as and for the purposes set forth.

3. A combined ventilator and weather-shield, comprising in combination a plurality of depending longitudinally-adjustable shield-sections hinged near one side, adjustable supports therefor, and a brace pivoted to the shield-sections, having means to engage

a projection on the support, as and for the purposes set forth.

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