Nov. 13, 1945. W. A. MOORE 2,388,759

RIDGE ROLL VENTILATOR

Filed June 5, 1944

Fig. 1.

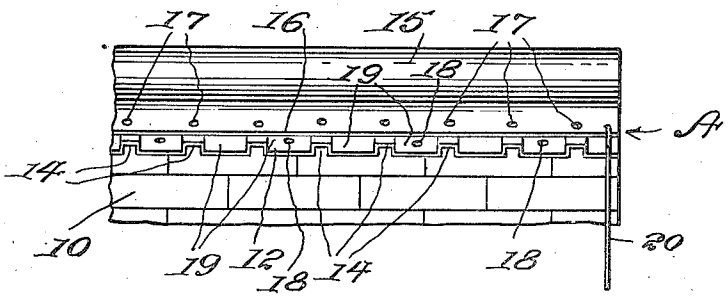


Fig. 2.

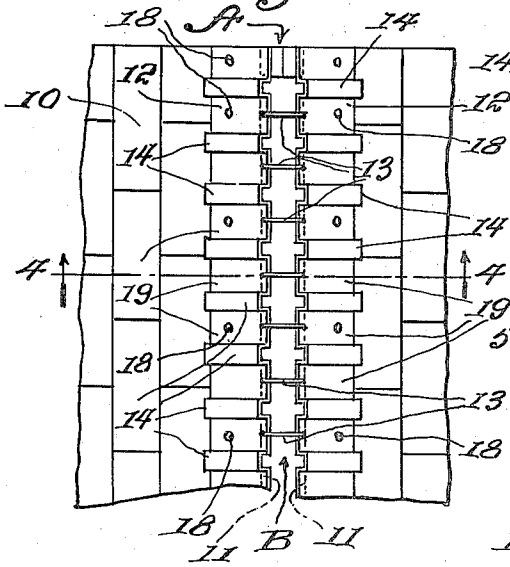


Fig. 3.

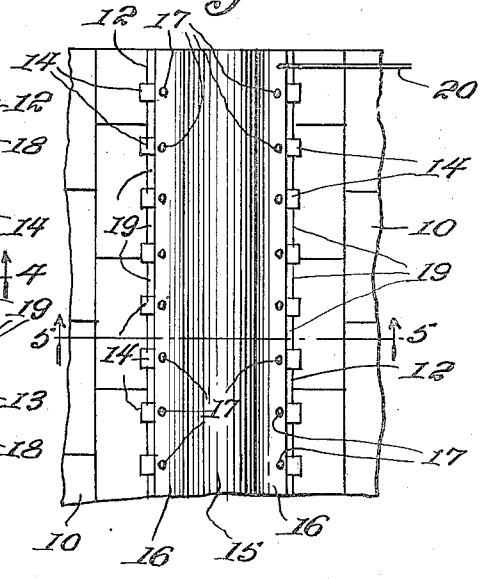


Fig. 4.

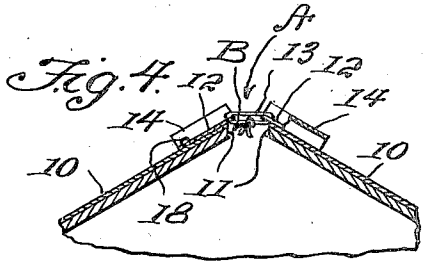
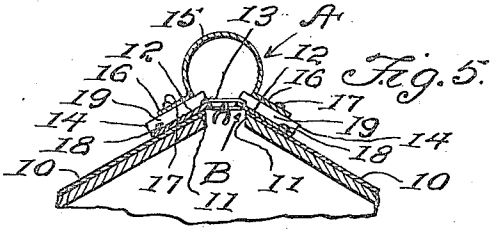


Fig. 5.



INVENTOR.
William A. Moore,
BY
Victor J. Evans & Co.
ATTORNEYS

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RIDGE ROLL VENTILATOR

William A. Moore, Swea, Iowa

Application June 5, 1944, Serial No. 538,741

1 Claim. (Cl. 98—42)

The invention relates to a ventilator, and more especially to roof ventilators.

The primary object of the invention is the provision of a ventilator of this character, where in an edifice having an opening in its roof at the ridge area thereof can be ventilated without the liability of rain, snow or sleet during inclement weather entering such edifice through such opening, or otherwise leakage occurring at this point, and maximum ventilation being assured.

Another object of the invention is the provision of a ventilator of this character, wherein there is embodied refinements over the subject matter of Letters Patent No. 1,717,728, issued June 18, 1929, the vent strips of such ventilator being linked together in spaced parallel relation to each other for the proper placement thereof when erecting the said ventilator at the ridge area of a roof of a building.

A further object of the invention is the provision of a ventilator of this character, wherein the linking of vent strips together causes these to automatically assume their correct positions on the ridge area, and the crowning thereof in a proper manner by the cylindrical roll head of such ventilator, with assurance of the proper setting of the latter for ventilating purposes.

A still further object of the invention is the provision of a ventilator of this character, which is extremely simple in construction, thoroughly reliable and easily erected, weather-proof, and inexpensive to manufacture and install.

With these and other objects in view the invention consists in the features of construction, combination and arrangement of parts as will be hereinafter more fully described, illustrated in the accompanying drawing, which discloses the preferred embodiment of the invention, and hereinafter pointed out in the claim hereunto appended.

In the accompanying drawing:

Figure 1 is a fragmentary side elevation of a roof ridge showing the ventilator constructed in accordance with the invention applied thereto.

Figure 2 is a fragmentary top plan view with the cylindrical or roll head removed.

Figure 3 is a view similar to Figure 2 with the head thereon.

Figure 4 is a sectional view on the line 4—4 of Figure 2.

Figure 5 is a sectional view on the line 5—5 of Figure 3.

Similar reference characters indicate corresponding parts throughout the several views in the drawing.

Referring to the drawing in detail A designates generally a portion of the ridge area of a roof of an edifice, such as a barn, stable or the like, and at this area is created an elongated opening B, which is at the peak of the said ridge area, the roofing shingles or other roof covering 10 separated the proper distance for this purpose throughout the lay of the roof.

Superimposed upon the shingles or other roof covering 10 and meeting the opposite edges 11 of this opening B are vent strips 12, which are disposed parallel with each other in spaced relation to one another corresponding to the width of the said opening B, and to maintain this positioning of the strips 12 when applying the same, they at intervals thereof are connected together by tying links 13, which are disposed cross-wise of the opening B for permanent location at such points.

The strips 12 at selected distances thereon have formed therewith riser cleats 14, which lie transversely thereof and terminate substantially flush with the opposite longer edges of such strips.

Saddling the cleats 14 is the cylindrical or roll ventilator head 15 for crowning the opening B, and having its lateral edge flanges 16 thereof seated upon the said cleats 14, the said flanges being secured to the strips 12 by fasteners 17, at the cleats, while the said strips are anchored to the roof by fasteners 18, which underlie the said flanges 16. The spaces 19 between the cleats 14 when the head 15 is in crowning position effect vent passages, permitting air to enter and escape to and from the said head, with the course of the air through and out of the opening B, for ventilating purposes within the enclosure or edifice at the ridge area A thereof.

After applying the linked strips 12 to the ridge area A, making these permanent, and with the setting of the head 15, there will be attached to the said head near its ends for disposition at opposite end walls of the edifice, guy wires 20, which are anchored in the ground, and in this way the said wires effect lightning arresters in association with the ventilator, the head being made from metal, and the strips constructed from wood or other fibrous material.

What is claimed is:

A ventilator for a roof ridge having an opening therein, comprising a pair of strips disposed at opposite edges of the opening, riser cleats transversely of and at intervals on the strips, links positioned in openings intermediate of said cleats for connecting the strips together and lying crosswise of the opening, and a cylindrical ventilating head crowning the opening and having edge flanges resting on the cleats terminating short of the edge thereof.

WILLIAM A. MOORE.