Aug. 31, 1943. F. B. MERRILL 2,328,288

CAP FOR FOUNDATION VENTS

Filed Nov. 4, 1940

Fig. 1.

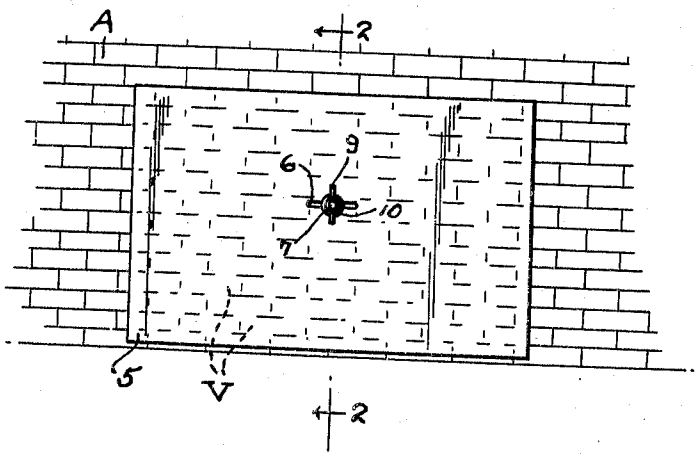


Fig. 2.

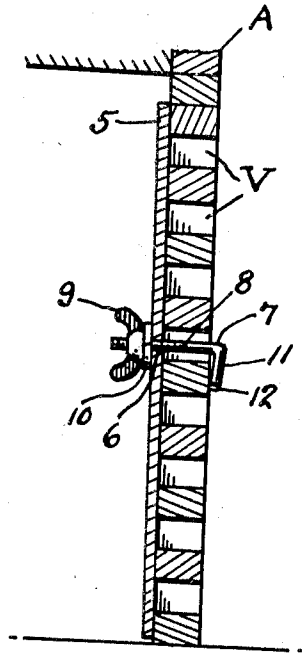


Fig. 3.

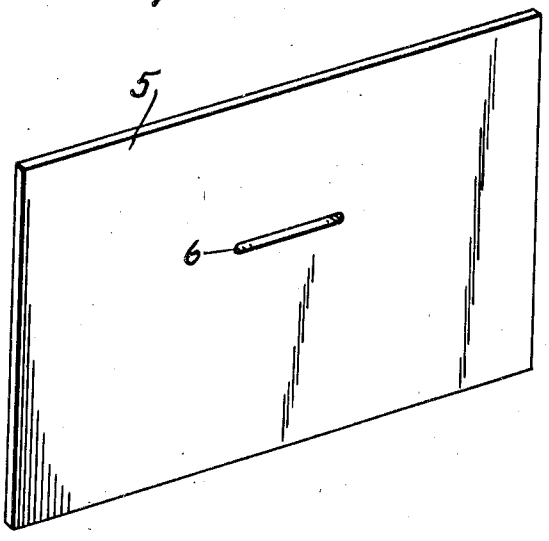
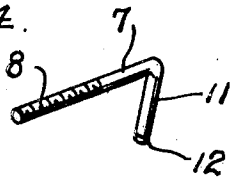


Fig. 4.



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CAP FOR FOUNDATION VENTS

Fred B. Merrill, Jackson, Miss.

Application November 4, 1940, Serial No. 364,273

1 Claim. (Cl. 98—29)

This invention relates to ventilation and more particularly a cap for closing foundation vents of buildings.

The primary object of this invention resides in the provision of a cap adapted to be readily disposed over the vents in building foundations so as to close the same during winter months.

Another object of this invention resides in the provision of a cap adapted to be disposed over the vents in building foundations in adjustable relation thereto so as to regulate the flow of fresh air passing therethrough.

A further object of this invention resides in the particular means for securing the cap over the vents in building foundations.

With these and other objects in view this invention resides in certain novel features of construction and arrangement of elements to be hereinafter more particularly set forth in the specification, illustrated in the accompanying drawing and pointed out in the appended claim and, while this disclosure depicts my present conception of the invention the right is reserved to resort to such changes in construction and arrangement of elements as come within the scope of the claim.

In the accompanying drawing forming a part of this application;

Fig. 1 is a side view of a portion of a building showing the cap disposed over the vents in the foundation thereof.

Fig. 2 is an enlarged vertical sectional view approximately on line 2—2 of Fig. 1.

Fig. 3 is a perspective view of the cap.

Fig. 4 is a perspective view of the fastening bolt.

In the present illustration of this invention the letter A designates a portion of a building having vent ports V forming a vent grill in its foundation and, while the same are herein shown as being formed by omitting every other brick in each horizontal layer, the same may be constructed in any well known manner.

Disposed over the aforesaid vents preferably on the inside thereof is a rectangular cap 5 formed of weatherproof insulating material having a horizontally disposed slot 6 formed therein adjacent the medial portion and above the center thereof and, while the slot herein disclosed permits adjustment of the cap laterally to expose a certain number of the vents and thus regulate the flow fresh air through the vents, it is within the purview of this invention to substitute a hole for the same and thereby secure the cap over all the vents.

Extending through the slot in the cap is a bolt 7 having one end threaded as indicated by the numeral 8 to accommodate a wing-nut 9 between which and the cap is disposed a washer 10, said bolt having its opposite end bent at an obtuse angle toward the threaded end thereof to form a foot 11 adapted to bear against the inner surface of the foundation and retain the cap against the opposite surface of the foundation over the vents upon tightening the wing-nut. The free end of the foot is bevelled as indicated by the numeral 12 to permit it to securely engage the inner surface of the foundation.

With a cap constructed as heretofore set forth and carrying securing means described, vents in building foundations can be readily closed by simply placing the cap thereover with the bolt extending through one of the vent ports and turning the foot thereof until it engages the inner surface of the foundation whereupon the wing-nut is screwed inwardly on the bolt, the tendency of the foot to straighten out provides sufficient resiliency to retain the cap tightly against the foundation during temperature variations.

Having thus described my invention what I claim and desire to protect by Letters Patent is:

The combination with a vent grill of a building, a covering cap therefor having an elongated horizontally disposed slot therein at a point above a horizontal line passing through the center of the cap, a bolt having its head bearing against the inner surface of the grill and its shank extending through an opening in the grill and aforesaid slot in the cap, a washer on the shank of the bolt bearing against the outer surface of the cap, and a wing-nut threaded on the free end of the bolt shank and bearing against the washer.

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