

B. C. W. HARRIS & F. M. WILLIAMS.
Weather-Strip.

No. 203,448.

Patented May 7, 1878.

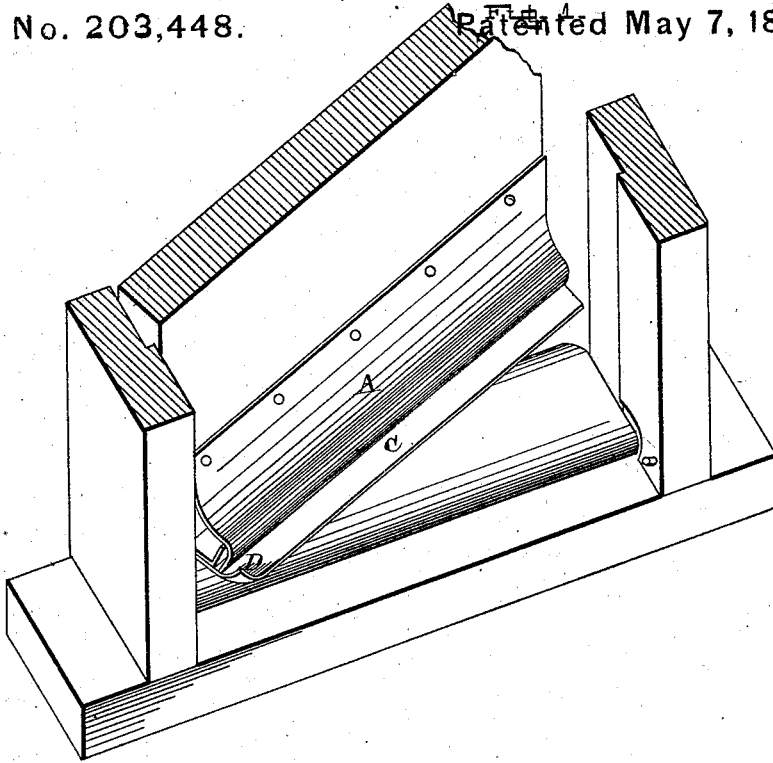
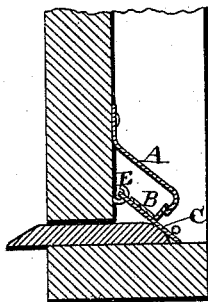


Fig. 2.



WITNESSES.

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INVENTOR.

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UNITED STATES PATENT OFFICE.

BENJAMIN C. W. HARRIS AND FRANK M. WILLIAMS, OF MOUNT GILEAD,
OHIO.

IMPROVEMENT IN WEATHER-STRIPS.

Specification forming part of Letters Patent No. **203,448**, dated May 7, 1878; application filed
November 15, 1877.

To all whom it may concern:

Be it known that we, BENJ. C. W. HARRIS and FRANK M. WILLIAMS, of Mount Gilead, in the county of Morrow and State of Ohio, have invented a new and useful Improvement in Weather-Strips for the Protection of Outside Doors, of which the following is a specification:

The invention relates to weather-strips to be attached to the bottom of outside doors, to prevent wind, snow, or rain from being forced under the door.

In the accompanying drawing, in which similar letters of reference represent and indicate like parts, Figure 1 is a perspective of our invention, and Fig. 2 is a vertical section of the same.

A represents a right and left concave piece of zinc or tin, attached to the door about two inches from the bottom, and is stationary. C represents a flat strip of sheet-iron, attached to the door by means of screw-eyes, and is placed directly under A, and falls over the carpet-strip. B represents a narrow strip of zinc, placed upon its edge in the center of the strip C, and at right angles therewith, and attached to C by means of rivets. The object of the strip B is to close the space between A and C.

D represents the lower corner of C, turned up at about an angle of thirty degrees, for the purpose of raising the strip C over the carpet-strip of the door, and obviates the necessity of a spring for that purpose.

The invention works as follows: When the strips are attached to the door, as above described, the strip C, being hung upon screw-eyes, falls down over the outside of the carpet-strip, closing all space between the door and the carpet-strip, the strip B closing all space between the strip A and the strip C, the whole making a complete protection from snow, wind, or rain.

When the door, which swings upon its vertical edge adjacent to D, is open, and it is desired to close it, the inner corner of the strip C, turned up, as shown at D, raises the strip above the carpet-strip of the door, and carries the same safely over without catching.

We claim—

The combination of strip C, having upturned corner D, and plate B, with plate A, secured to the door, substantially as shown.

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