

No. 660,841.

Patented Oct. 30, 1900.

D. L. BYLER.

STORM WEATHER DOOR OR WINDOW STRIP.

(Application filed July 2, 1900.)

(No Model.)

Fig. 1.

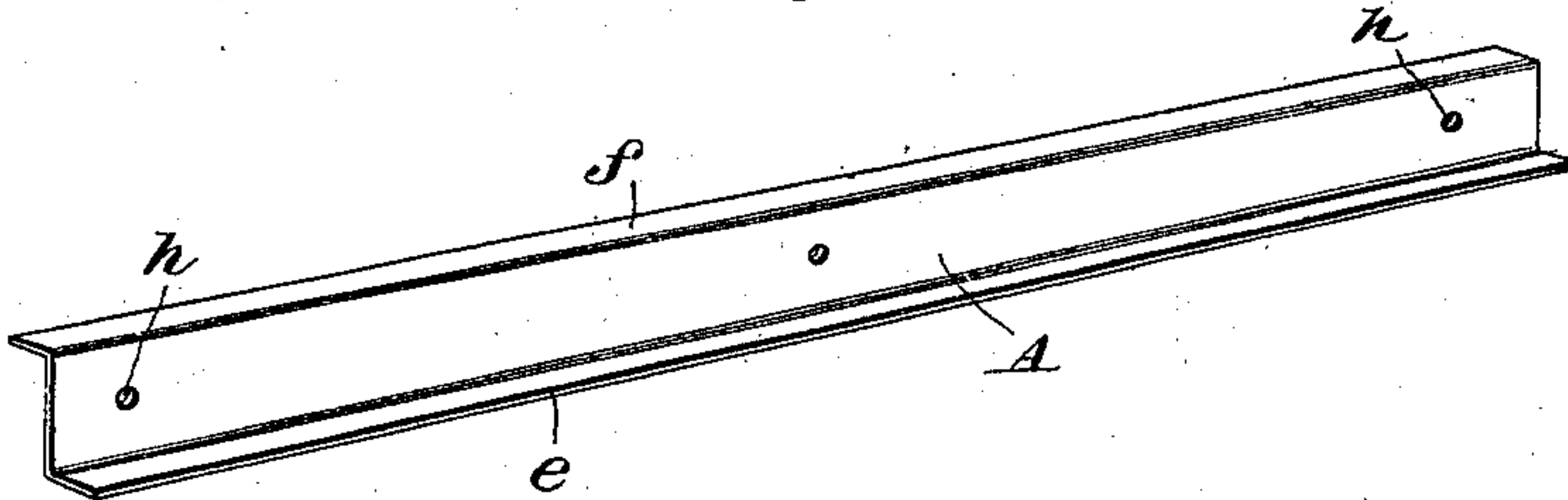


Fig. 2.

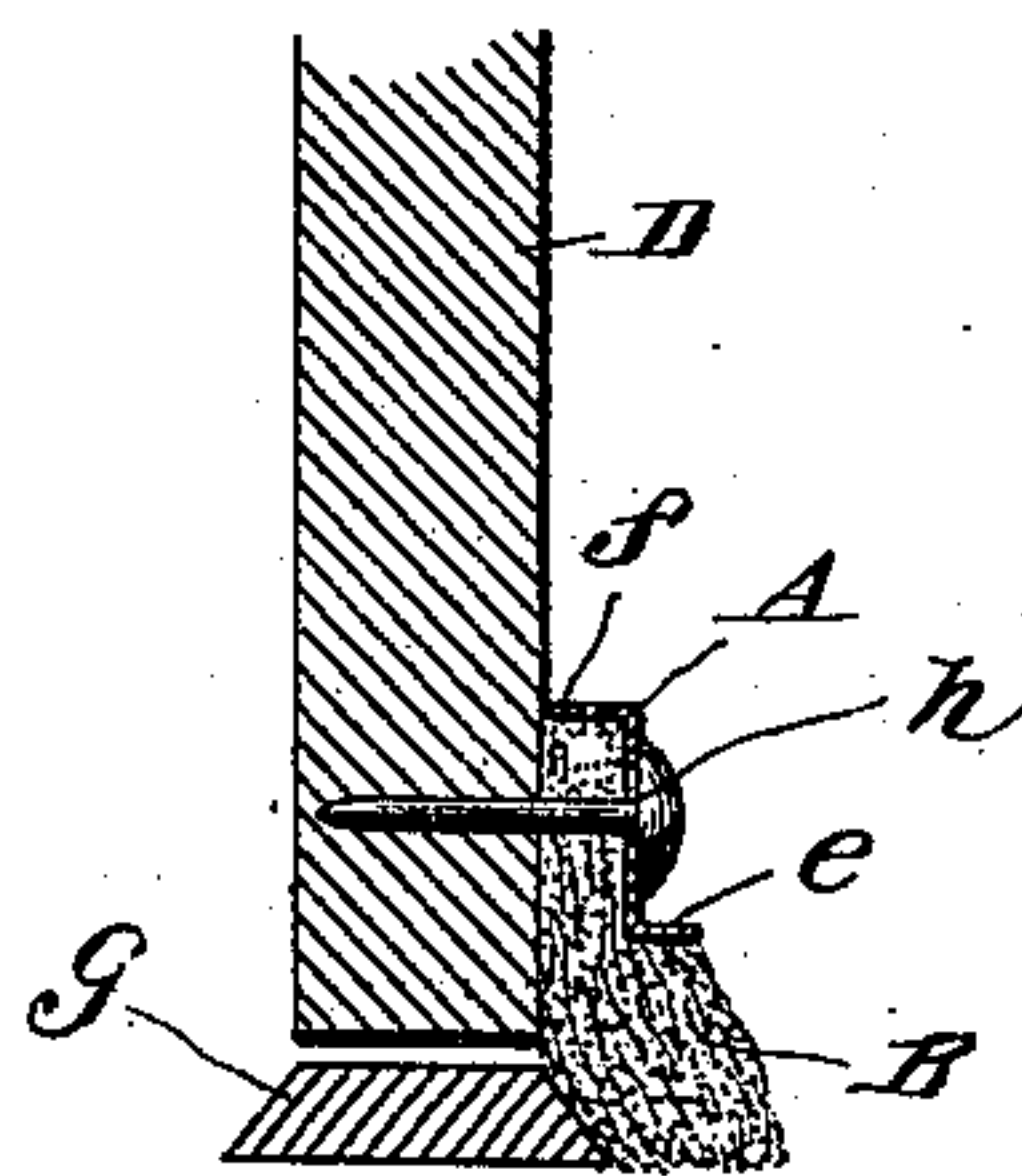
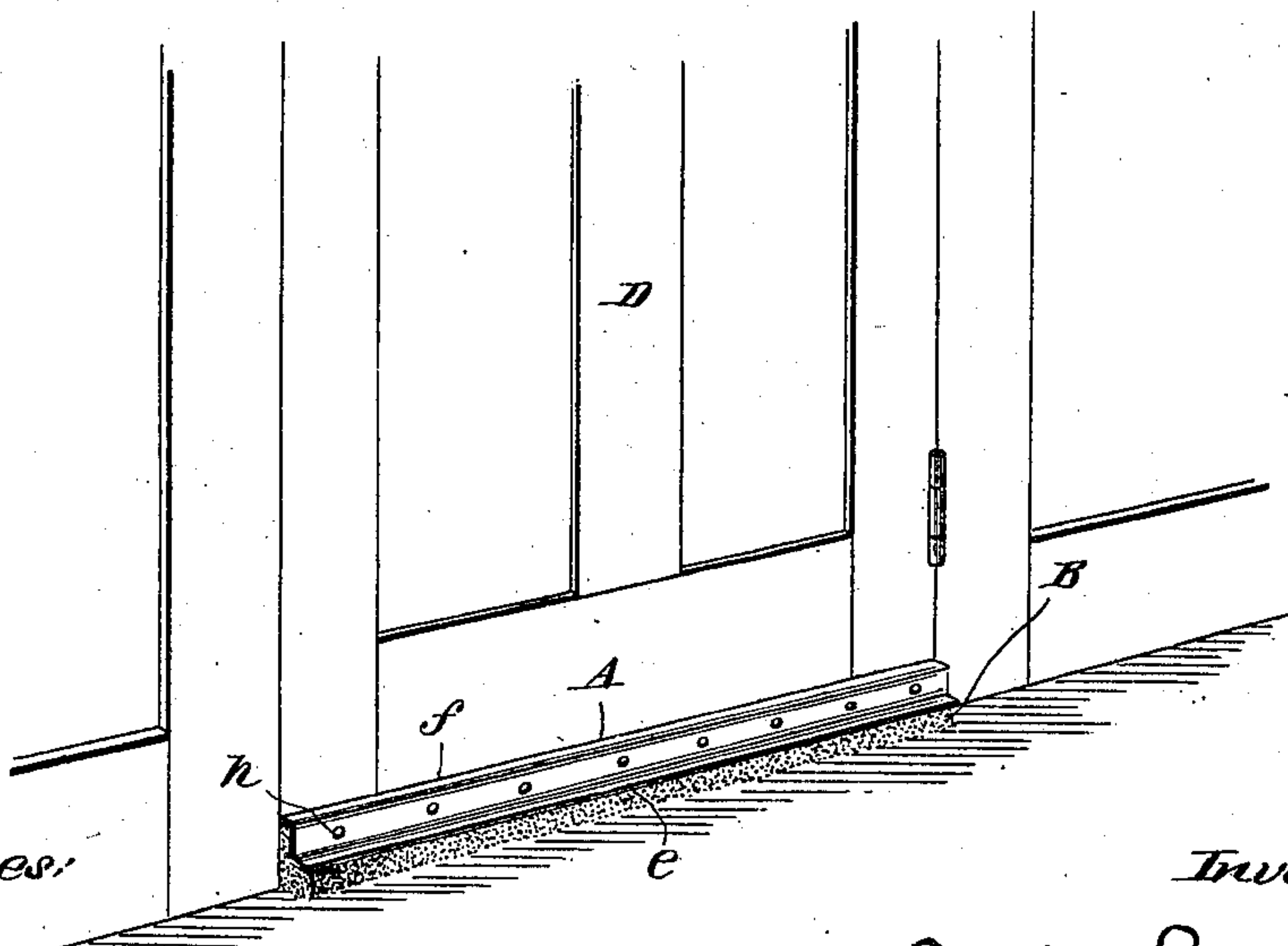


Fig. 3.



Witnesses:

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DAVID LILLY BYLER, OF CLINTON, MISSOURI.

STORM-WEATHER DOOR OR WINDOW STRIP.

SPECIFICATION forming part of Letters Patent No. 660,841, dated October 30, 1900.

Application filed July 2, 1900. Serial No. 22,386. (No model.)

To all whom it may concern:

Be it known that I, DAVID LILLY BYLER, a citizen of the United States, residing at Clinton, in the county of Henry and State of Missouri, have invented a new and useful Improvement in Weather-Strips for Doors or Windows, of which the following is a specification.

My invention relates to a weather-strip for doors and windows, in which a suitable piece of sheet metal is preferably bent at certain angles and used in conjunction with a suitable strip of "felt goods" like or similar to that kept ordinarily in a harness-shop or in conjunction with a strip of other pliable or elastic material.

The objects of my invention are, first, to furnish a cheap and thoroughly effectual means for protecting against rain, snow, dust, sand, or cold air entering the house through the open space at the bottom of the door and the open space between the lap of the top of the lower window-sash and the bottom of the upper window-sash and so as not to interfere in raising and lowering the sash, and, secondly, to furnish a means for preventing drafts of cold air from passing under the inside doors from one room to another. I attain these objects by the weather-strips for doors and windows illustrated in the accompanying drawings, in which—

A, Figure 1, is a front and end view of a thin piece of sheet metal, preferably galvanized iron, and preferably bent at the angles shown. B, Fig. 2, is an end view of the strip of felt goods or other pliable or elastic material combined with the piece of metal A and extending below it. Fig. 3 shows the weather-strips for doors and windows A and B adjusted for use on the bottom of a door D.

Similar letters refer to similar parts throughout the several views.

D is the door, and *g* the threshold or car-

pet-strip under the door; A, the piece of metal, preferably bent at or nearly at right angles; *e*, the lower edge of the metal bent at an angle to form a water-table, so that in use it operates to throw the water out and away from the door.

f is an upper portion of the metal bent at or nearly at right angles, so that the edge will come firmly against the door D and so as to neatly receive the strip of felt B or other suitable material between it and the door D, substantially as shown; *h*, holes to receive suitable nails or screws, preferably nails with flat surfaces or square shoulders under the heads, and by means of which either will effectually secure the weather-strips for doors and windows against the door or on top the window-sash or against the lower part of sash; B, the felt or other elastic material, which is shown to be pressing down on the threshold *g*, so as to effectually accomplish the ends claimed and described.

What I claim as my invention, and desire to secure by Letters Patent, is—

In a weather-strip for doors and windows, the combination with the metal strip A, bent at or nearly at right angles at *f* so as to firmly adjust the strip against the door or window, and at *e* so as to throw the water out and away from the door, of the strip of felt or other pliable or elastic material, received between the metal strip and the door and window to extend below the same and secured thereto by suitable nails or screws passing through the metal and the elastic material.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

DAVID LILLY BYLER.

Witnesses:

M. T. WOOD,

J. F. ARMSTRONG.