

J. & G. BACON.
Weather-Strips.

No. 138,065.

Patented April 22, 1873.

Fig. 1.

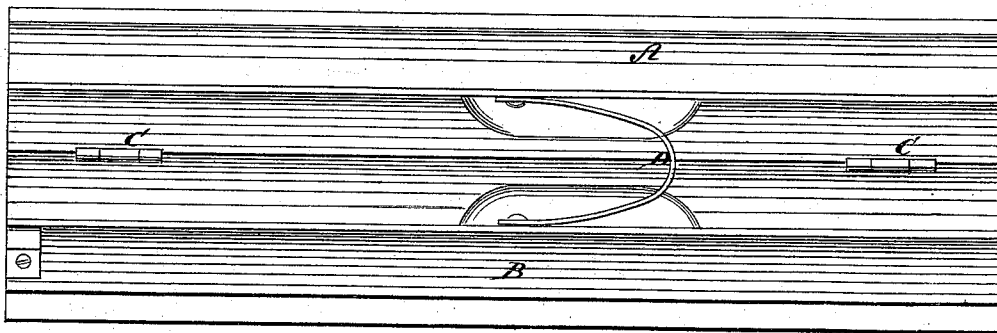


Fig. 3.

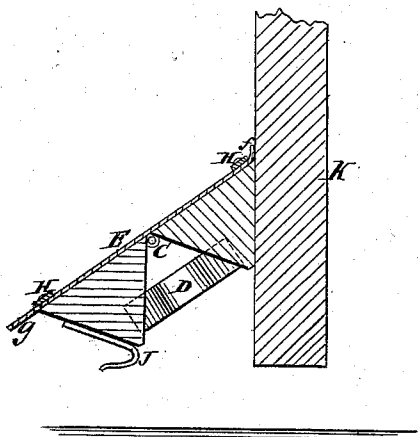
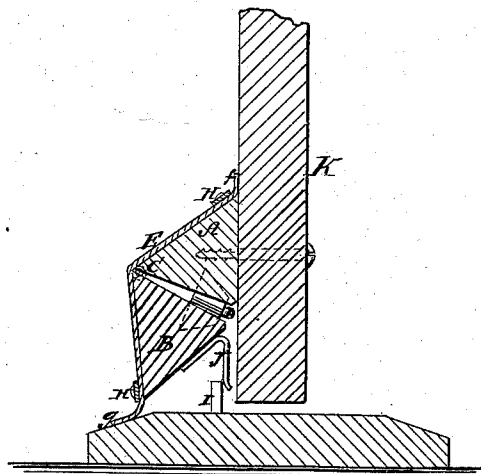


Fig. 2.



Witnesses:

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JEROME BACON AND GILBERT BACON, OF MEDINA, WISCONSIN.

IMPROVEMENT IN WEATHER-STRIPS.

Specification forming part of Letters Patent No. **138,065**, dated April 22, 1873; application filed February 15, 1873.

To all whom it may concern:

Be it known that we, JEROME BACON and GILBERT BACON, of Medina, in the county of Outagamie and State of Wisconsin, have invented a new and useful Improvement in Door-Strip, of which the following is a specification:

The object of this invention is to furnish a weather-strip for doors which shall be cheap in construction and efficient in excluding wind and water; and it consists in the construction and arrangement of parts hereinafter described.

In the accompanying drawing, Figure 1 represents an inside view of the improved door-strip, showing the spring. Fig. 2 is an end view, showing the strip applied and the door as closed. Fig. 3 represents the same with the door open.

Similar letters of reference indicate corresponding parts.

A and B are triangular-shaped pieces of wood connected together by butt-hinges C C which allow them to open and close. D is a bow or other spring by which the strips A B are also connected. E is a piece of sheet rubber with which the outside of the pieces A B are covered. This rubber extends a little above the upper piece A, as seen at *f*, and considerably below the lower piece B, as seen at

g. H H are metallic strips, by means of which the rubber is fastened. These metallic strips are placed even with the upper and the lower edges of the wood, as represented. The door-strip is attached as seen in the drawing, Figs. 2 and 3, the piece A being screwed to the outside of the door. K is the door. I is a lug in the door-sill or in the jamb-casing of the door. J is a hook or projection attached to the end of the part B of the door-strip. When the door is closed, as seen in Fig. 2, the hook catches on the lug I and draws the part B down onto the sill, as represented, thus making a tight joint under the door. When the door is opened the spring D forces the lower part B upward, as seen in Fig. 3, so that it will swing clear of all obstructions.

Having thus described our invention, we claim as new and desire to secure by Letters Patent—

The triangular pieces A B hinged together and having spring D, rubber E *g*, and hook J, combined and arranged on a door with the lug I, as and for the purpose described.

JEROME BACON.
GILBERT BACON.

Witnesses:

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