

M. Croke,
Weather Strip for Doors,
No. 13,121. Patented June 26, 1855.

Fig. 2.

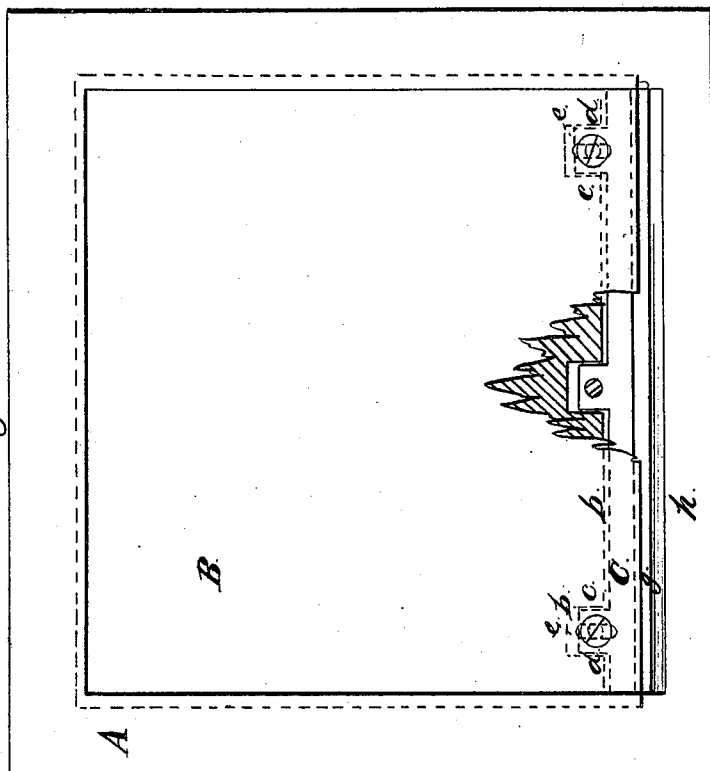
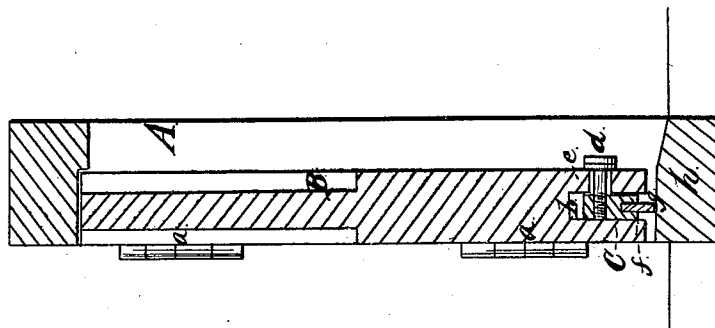


Fig. 1.



UNITED STATES PATENT OFFICE.

MARTIN CROKE, OF NEW YORK, N. Y.

WEATHER-STRIP FOR DOORS.

Specification of Letters Patent No. 13,121, dated June 26, 1855.

To all whom it may concern:

Be it known that I, MARTIN CROKE, of the city, county and State of New York, have invented a new and useful Improvement in Weather-Strips for Doors; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1, is a transverse vertical section of a door, with my improvement applied to it. Fig. 2, is a view of the inner side of a door, with my improvement applied to it. This invention relates to a new and improved weather strip for keeping the space closed or covered between the lower edge of the door and the sill or saddle of the frame of the door casing.

The nature of my invention consists in placing a strip or strips of india rubber within a slotted metallic bar, which bar is fitted in a groove or recess in the lower end of the door. The bar being adjusted in the groove by means of set screws as will be hereafter fully shown and described.

To enable others skilled in the art to fully understand and construct my invention, I will proceed to describe it.

A, represents the casing of a door constructed in the usual manner, and B, represents a door attached to one side of the casing by hinges *a*, in the ordinary way.

The lower edge of the door B, has a groove, *b*, cut in it, which extends the whole width of the door, and within this groove there is fitted a metallic bar C, the upper edge of which has projections, *c*, attached to it, through which set screws, *d*, pass, said set screws passing through oblong slots, *e*, in the door on its inner side.

In the under surface of the bar C, there is a longitudinal groove or recess, *f*, see Fig. 1, in which a strip or strips of india-rubber, *g*, are fitted and secured therein in any proper manner. The lower end of the strip

or strips, *g*, of india-rubber bear against the upper surface of the sill or saddle, *h*, of the door, when the door is closed, as shown in Fig. 1, and keeps the lower end of the door, or the space between the lower end of the door and the sill or saddle, *h*, perfectly weather tight. And in case the india-rubber becomes warm in consequence of use, the bar C, may be lowered by adjusting the set screws, *d*, which secure the bar in the groove, *b*, in the lower edge of the door. The heads of the set screws may be of any proper form so as to be rather ornamental than otherwise.

The weather strip as above described effectually prevents storms and also the cold from entering the house underneath the door. The bar C, may be adjusted with the greatest facility by loosening the screws, *d*, and the india-rubber will not wear the sill or saddle like the ordinary wooden weather strips.

I am aware that elastic weather strips have been arranged with springs, so that a wooden strip may be pressed against the sill or saddle. These however are not generally used as the springs soon rust and become worthless, besides wear the carpet or floor cloth within the house, and the sill or saddle soon becomes worn in consequence of the friction of the weather strips in passing over them.

Having thus described my invention, what I claim as new and desire to secure by Letters Patent, is—

Placing or securing a strip or strips, *g*, of india-rubber within a bar C, which bar is fitted within a recess, *b*, in the lower end or edge of the door B, the bar C, being rendered adjustable by the set screws, *d*, substantially as shown and for the purpose set forth.

MARTIN CROKE.

Witnesses:

JOS. GEO. MASON,
WM. TUSCH.