

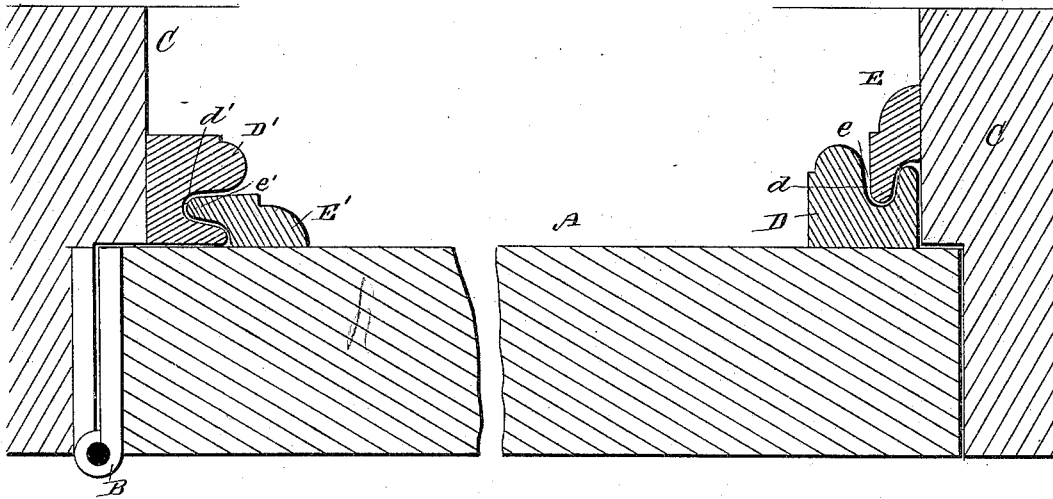
(No Model.)

W. J. DEVERS.

WEATHER STRIP.

No. 301,221.

Patented July 1, 1884.



WITNESSES:

*Geo. G. Hoster*  
*Co. Sedgwick*

INVENTOR:

*W. J. Devers*  
BY *Munn & Co*  
ATTORNEYS.

# UNITED STATES PATENT OFFICE.

WILLIAM J. DEVERS, OF PROVIDENCE, ASSIGNOR TO HIMSELF AND WILLIAM  
A. KELLOGG, OF SCRANTON, PENNSYLVANIA.

## WEATHER-STRIP.

SPECIFICATION forming part of Letters Patent No. 301,221, dated July 1, 1884.

Application filed March 1, 1884. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM J. DEVERS, of Providence, in the county of Lackawanna and State of Pennsylvania, have invented a new and Improved Weather-Strip, of which the following is a full, clear, and exact description.

This invention relates to that class of weather-strips in which the strips are secured to the door along the edges.

The invention consists in the construction and arrangement of parts, as will be hereinafter described and claimed.

Reference is to be had to the accompanying drawing, forming part of this specification.

The figure is a sectional plan view of a door provided with my improved weather-strip.

In the drawing, A represents the door; B, the hinges, and C the casing, the door to open inwardly. At the swinging edge of the door a vertical strip, D, is secured on the outer surface, which strip is provided with a longitudinal groove, *d*, in its outer surface. A strip, E, having an L-shaped or like cross-section, is secured to the side of the casing C in such a manner that the flange part or the tongue *e* on the outer edge of the said strip E projects toward the door, and can pass snugly into the groove *d* in the strip D, which strip is arranged with its groove in a plane at right angles to the plane of the door and that of the groove *d*' of strip D'. At the hinge edge of the door a strip, E', provided with a tongue or flange part, *e'*, is secured on the door, the tongue projecting in a plane parallel with the door and toward the casing, and a grooved strip,

D', having a groove, *d'*, is secured on the casing C. When the door is closed, the tongues or flanges *e* and *e'* of the strips E and E' are in the grooves *d* and *d'* of the strips D and D', thus excluding air, snow, or rain, and forming close joints.

I am aware that it is not new to provide tongued and grooved strips for the edges of windows for the purposes of preventing air and dust from entering; also, that centrally-hinged windows have been fitted at their opposite edges with strips the tongues of which projected in opposite directions to engage the grooved strips secured to the frame; and I do not desire to claim, broadly, any such construction as of my invention; but

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

The combination of the hinged door A, having the strip E' at the hinged edge, formed with a tongue, *e'*, projecting in a plane parallel with the plane of the door, and strip D, secured to the opposite edge of the door, and having a groove, *d*, in a plane at right angles to the tongue *e'* and the plane of the door, with the grooved and tongued strips D' *d'* E' *e'* on the door-casing, for engaging, respectively, the tongue *e'* and the groove *d*, as herein shown and described.

WILLIAM J. DEVERS.

Witnesses:

F. A. BEAMISH,  
E. J. LYNETT.