

D. S. WOOD.
Weather-Strip.

No. 202,912.

Patented April 23, 1878.

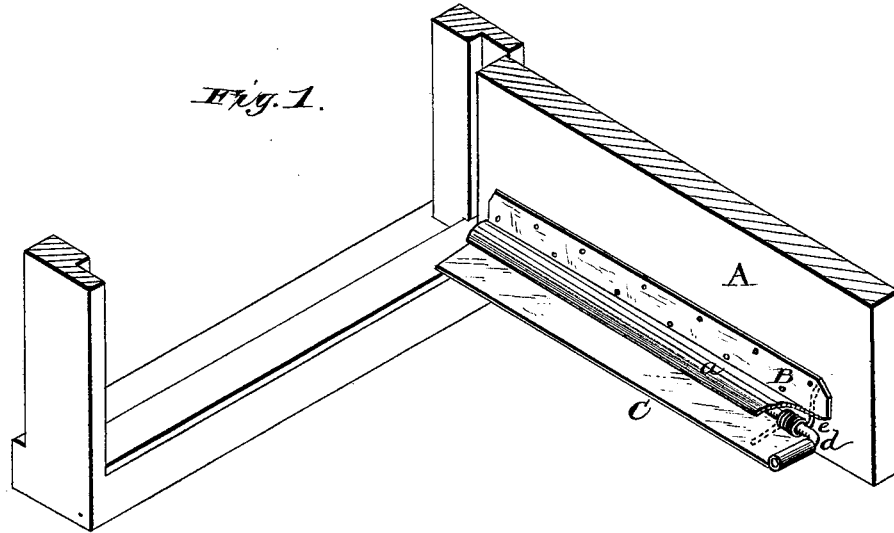
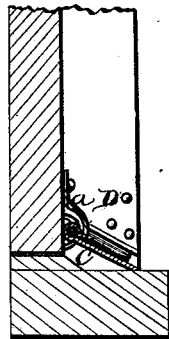


Fig. 2.



WITNESSES
P. L. Curand
H. Aubrey Touchner

INVENTOR
David S. Wood
Samuel Mason
ATTORNEYS

UNITED STATES PATENT OFFICE.

DAVID S. WOOD, OF OSWEGO, KANSAS, ASSIGNOR TO MARGERETT WOOD,
OF SAME PLACE.

IMPROVEMENT IN WEATHER-STRIPS.

Specification forming part of Letters Patent No. **202,912**, dated April 23, 1878; application filed
February 11, 1878.

To all whom it may concern:

Be it known that I, DAVID S. WOOD, of Oswego, in the county of Labette, and in the State of Kansas, have invented certain new and useful Improvements in Weather-Strips for Doors; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in the construction and arrangement of the parts to form and operate a weather-strip, the peculiarities of which will be hereinafter more fully described.

To enable those skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

In the accompanying drawings, making part of this specification, Figure 1 represents a perspective, and Fig. 2 a cross-section.

In the figures, A represents the door, and B a metal strip, secured to the same near its bottom. This strip has a bulge, as seen at *a*, for covering the inner edge of the weather-strip C. This weather-strip consists of a narrow strip of sheet metal, which has its inner edgerolled over, and rigidly secured to, a metal rod, *d*. This rod, after passing the length of the strip, has its end turned at right angles, and extended the width of the strip. The metal of the strip is turned over this projecting end, as represented. Staples pass over

this rod *d*, and hinge it to the door, close to its lower edge. A spring, *e*, coils around the rod *d*, and one end of it presses against the under side of the strip, to keep it in a raised position. D represents a shoe or beveled plate upon the side of the door-jamb, against which the end of the rod *d* strikes when the door is shut, for the purpose of closing the strip C down, and thus preventing rain or wind from passing under the door.

By the use of the metal rod I am enabled to strengthen the metal of the strip C, so that when it is forced down by the shoe it will not warp or bend, but will close alike throughout its entire length.

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

The weather-strip plate C, provided with the angular rod *d*, extending the entire length of the plate and across its outer end, and held thereto by the metal of the plate being wrapped around the rod, in combination with the spring *e*, plate B with flange *a*, and the beveled plate D, all substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 27th day of December, 1877.

DAVID S. WOOD.

Witnesses:

J. M. MASON,
L. C. WILMOTH.