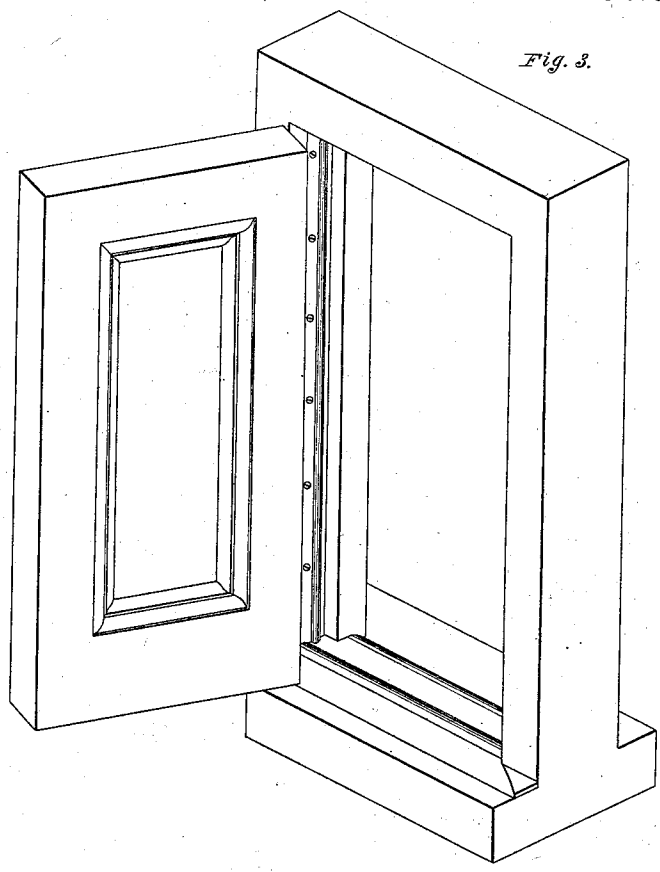
# J. Johnston.

## Weather Strip.

No. 88,572. Patented Apr. 6, 1869.

Fig. 3.



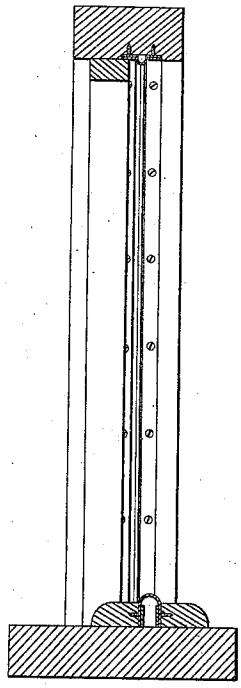
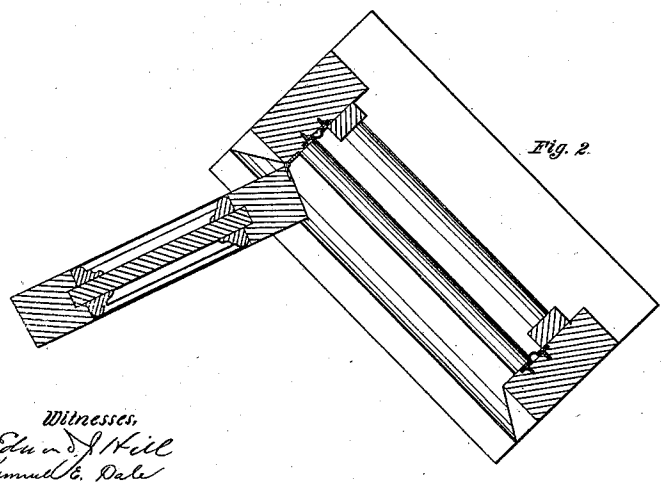


Fig. 1.



Fig. 4.

Fig. 2.



Witnesses,
Edw. D. Hill
Samuel C. Dale

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# United States Patent Office.

JOSEPH JOHNSTON, OF CHICAGO, ILLINOIS.

*Letters Patent No.* 88,572, *dated April* 6, 1869.

## IMPROVED WEATHER-STRIP.

The Schedule referred to in these Letters Patent and making part of the same.

*To all whom it may concern:*

Be it known that I, JOSEPH JOHNSTON, (subject of Queen Victoria,) resident of Chicago, in the county of Cook, and State of Illinois, have invented a new and improved Mode of Constructing an Adjustable Threshold for Doors and Door-Frames; and I do hereby declare that the following is a full 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 so constructing an adjustable threshold for doors and door-frames, that the dust, damp, and cold, are excluded by the application of cloth, vulcanized, or otherwise, or any other suitable material.

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

I construct my adjustable threshold in the following manner, to wit:

I divide the ordinary threshold longitudinally into two parts, on a line of the vertical plane, which would, if extended, bisect the door when closed, leaving one half the door outside the plane, and the other half inside said plane. I then cut a groove, about one-eighth of an inch from the line of division, in either piece of the threshold, so as to insert therein a narrow strip of India-rubber cloth, of the width of the thickness of the door, or perhaps half an inch wider, fastening the same to its place with small tacks, screws, or in any other suitable manner, and put the threshold in position, crowding the pieces together, so as to adjust the convex surface of the cloth to fill the space between the door and the threshold, so as to exclude rain, dust, damp, and cold, and fasten it in position

The rubber cloth, when in position in the threshold, is in the shape of a semi-cylinder, with the concave surface down, and the convex surface up, as shown in Figures I and III.

Figures II and IV represent a section of the jamb, or lintel of the door, with known inventions or contrivances in application.

I place the India rubber, &c., in the threshold, just back of the line of the insertion of the same in the jambs, so that the rain, beating into the door-way, will follow down the rubber on the jambs, and fall outside of that on the threshold.

I make the inside part of the threshold, as well as of the strips on the jambs and lintel, thicker, so as to allow the rubber to fold over without binding or injury.

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

The construction of an adjustable threshold, in the manner and form, and for the purpose substantially as herein described.

JOSEPH JOHNSTON.

Witnesses:

EDW. J. HILL,

SAMUEL E. DALE.