

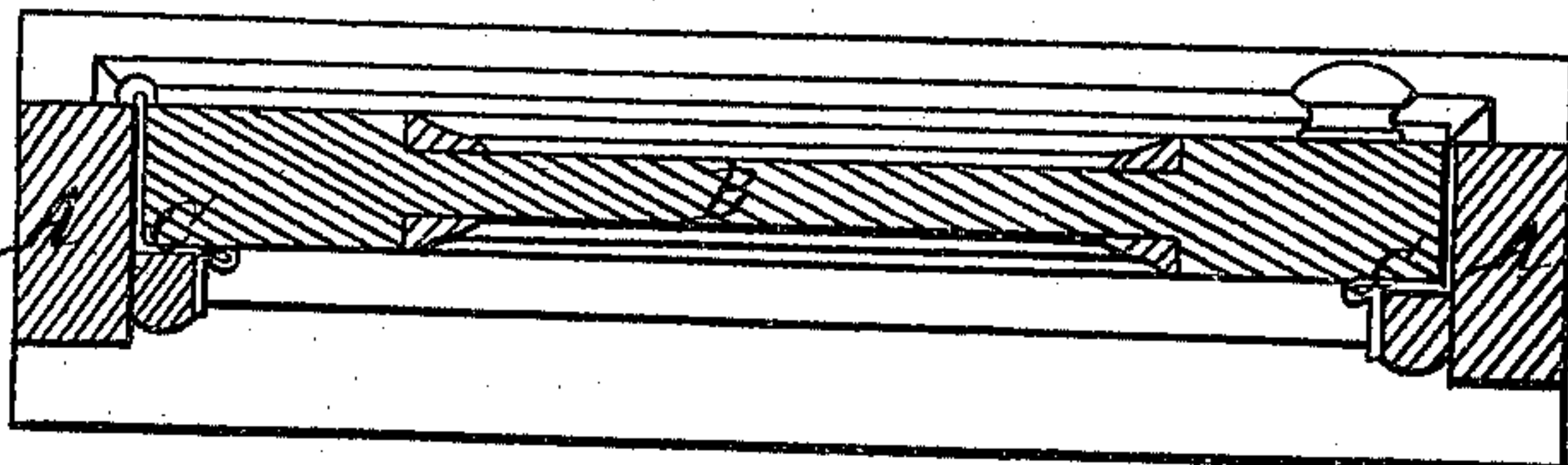
*J. Johnston.*

*Weather Strips.*

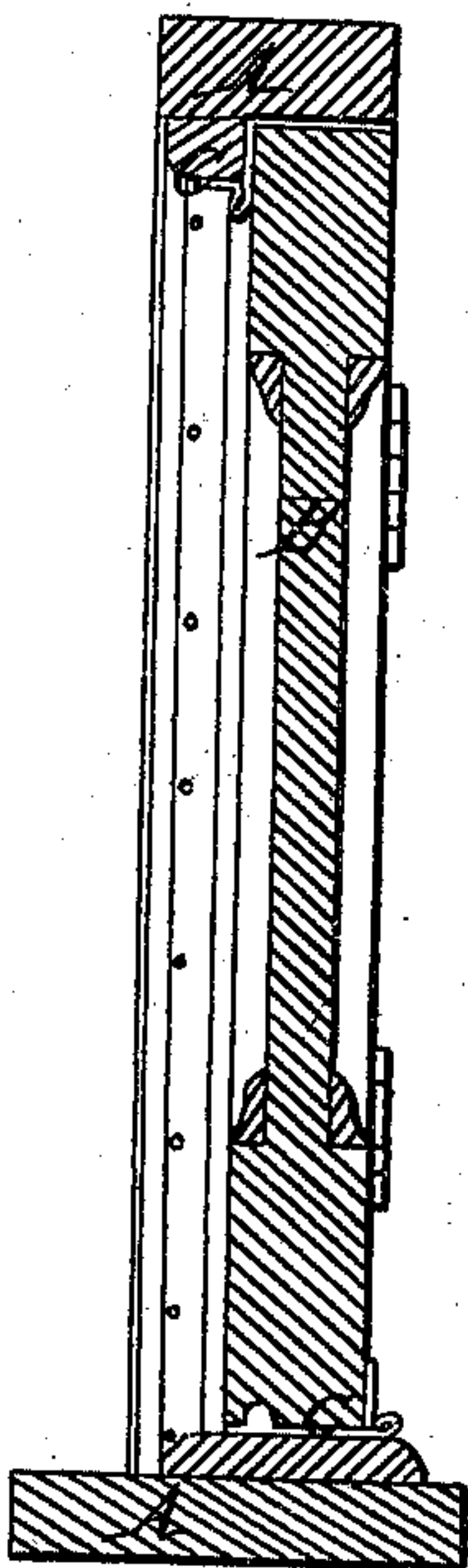
*Nº 97,412.*

*Patented Nov 30, 1869.*

*Fig. 1.*



*Fig. 2.*



*Fig. 4.*



*Fig. 3.*



*Inventor.*

*Joseph Johnston*  
*per*  
*Alexander Mason*

*Witnesses.*

*Harry King*  
*C. L. Overb*

*Atty.*

# United States Patent Office.

JOSEPH JOHNSTON, OF CHICAGO, ILLINOIS.

*Letters Patent No. 97,412, dated November 30, 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, of Chicago, in the county of Cook, and in the State of Illinois, have invented certain new and useful Improvements in Weather-Strips; 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 or peculiar formation of weather-strips, made of rubber cloth, or other equivalent material.

In order to enable others skilled in the art to which my invention appertains, to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawings, in which—

Figure 1 is a horizontal section, and

Figure 2, a vertical section of a door-frame and door with my weather-strip attached.

Figure 3 is a perspective of a piece of the door-casing, showing the manner of attaching my weather-strip.

Figure 4 shows a piece of the weather-strip before it is attached.

A represents the door-frame, and

B, the door, to the lower outer edge of which the weather-strip C is attached.

The weather-strip C is made of a strip of rubber cloth, or other suitable material, folded and sewed to-

gether, forming, as shown in fig. 4, a loop, *a*, and two edges, *b b*.

The strip is applied to the edge of the door, by opening the under half, so as to throw the other half perpendicular to it. The under side then forms a flange on each side, which is tacked or cemented to the wood.

In like manner, the strip may be applied to the outer edge of the door-step, which throws it flat against the door when the door closes against it.

This strip may be applied around the entire door, either attached to the door or the door-frame, and also to windows.

In the bottom of the door B is a groove, of suitable dimensions, running nearer the front than the back, the object of which is to prevent the water from the front, that runs down the door, to be conducted to the back of the door, where it would be likely to get into the room.

Having thus fully described my invention,

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

A weather-strip, made of rubber cloth, or other suitable material, folded and sewed together, and applied substantially as shown and described.

In testimony that I claim the foregoing, I have hereunto set my hand, this 24th day of September, 1869.

JOSEPH JOHNSTON.

Witnesses:

W. M. BENTON,

DANIEL SHEPARD.