

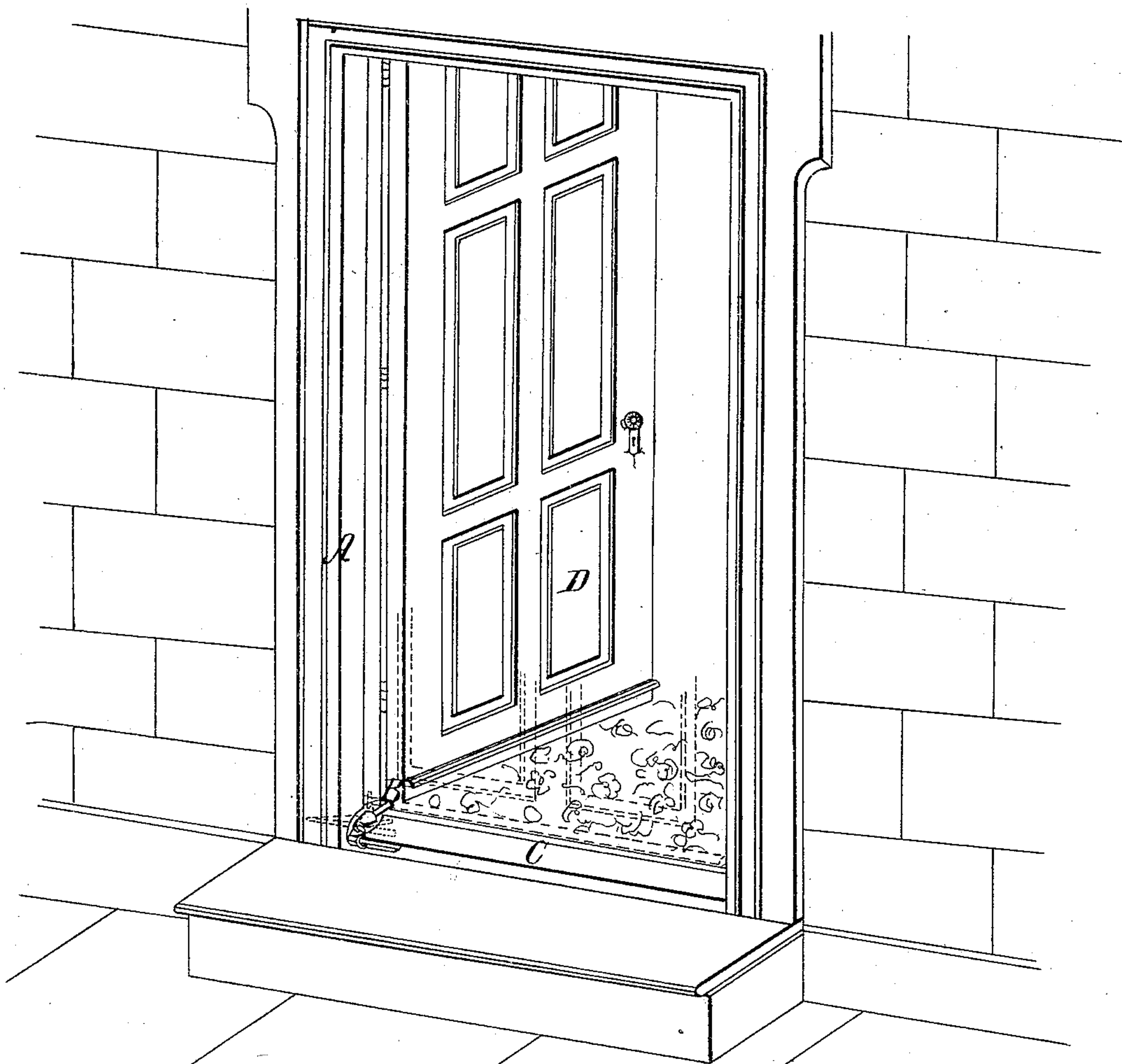
*Force & Egnew.*

*Threshold.*

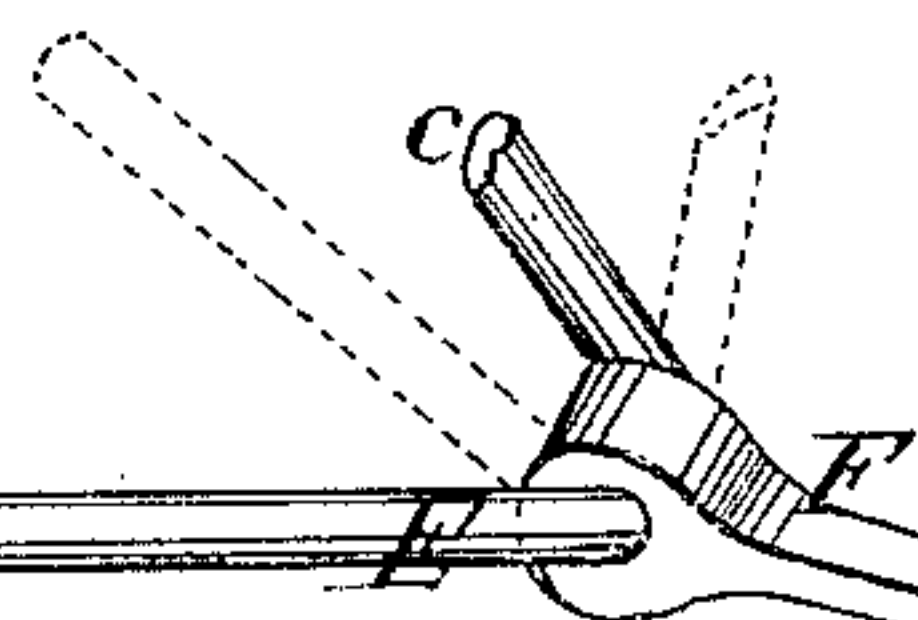
*N<sup>o</sup> 63,495.*

*Patented Apr. 2, 1867.*

*Fig. 1.*



*Fig. 2.*



*Witnesses; I*  
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# United States Patent Office.

JAMES P. FORCE AND WILLIAM W. EGNEW, OF JARVIS, INDIANA.

*Letters Patent No. 63,495, dated April 2, 1867.*

## 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 we, J. P. FORCE and W. W. EGNEW, of Jarvis, in the county of De Kalb, and State of Indiana, have invented a new and improved Door Strip; and we do hereby declare the following to be a full, clear, and exact description of the same, sufficient to enable one skilled in the art to which the invention appertains to make use of it, reference being had to the accompanying drawings, forming a part of this specification, and in which—

Figure 1 is a perspective view.

Figure 2 is a detached view of the rock-shaft, which is rotated by the pressure of the door to elevate the strip.

The door strip is hinged to the threshold so as to vibrate downward in the direction of the motion of the opening door. When the door is closed it strikes against an arm of the rock-shaft, which elevates the edge of the strip so as to form a valve to close the opening under the door.

In the drawings, A is the door frame; B the threshold; C is the hinged strip; D the door. The strip C has sufficient weight to drop down upon the threshold when it is not elevated by the closed door, or it may have a spring to close it, as may prove to be necessary or desirable. The rock-shaft E rotates in the hold-fast F, as represented in fig. 2, and the latter is secured on the threshold by driving it horizontally under the post on the hinging side of the door. When the door is closing its lower portion strikes the end of the rock-shaft, rotates it in the direction of the arrow, and elevates the end *e'*, which, projecting beneath the strip C, elevates it so as to be inclined toward the door which shuts against it. The opening of the door withdraws the support of the strip, which falls again upon the threshold. When elevated against the door, it forms a barrier against the entrance of wind, rain, and snow, and materially adds to the comfort of the house or apartment.

We do not claim the device as shown in the patent of F. C. Gridley, July 10, 1866; but, having described our invention, what we claim therein as new, and desire to secure by Letters Patent, is—

The bent rod E, hinged in the hold-fast F, constructed and operating as described and represented.

To the above specification of our weather strip we have set our hands this 8th day of January, 1867.

JAMES P. FORCE,  
WILLIAM W. EGNEW.

Witnesses:

DAVID FAY,  
A. A. HOWARD.