

(No Model.)

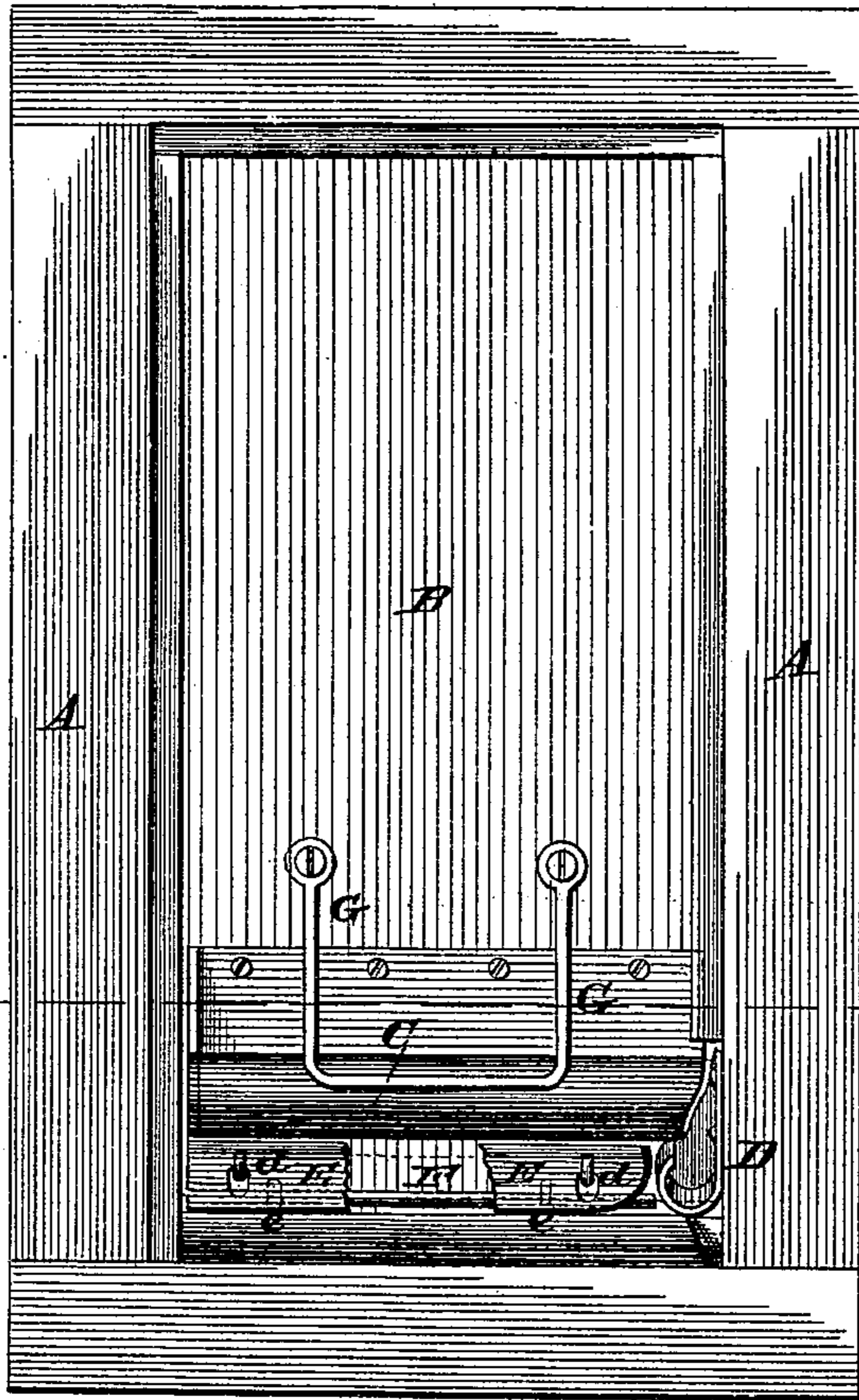
W. THOMPSON.

WEATHER STRIP.

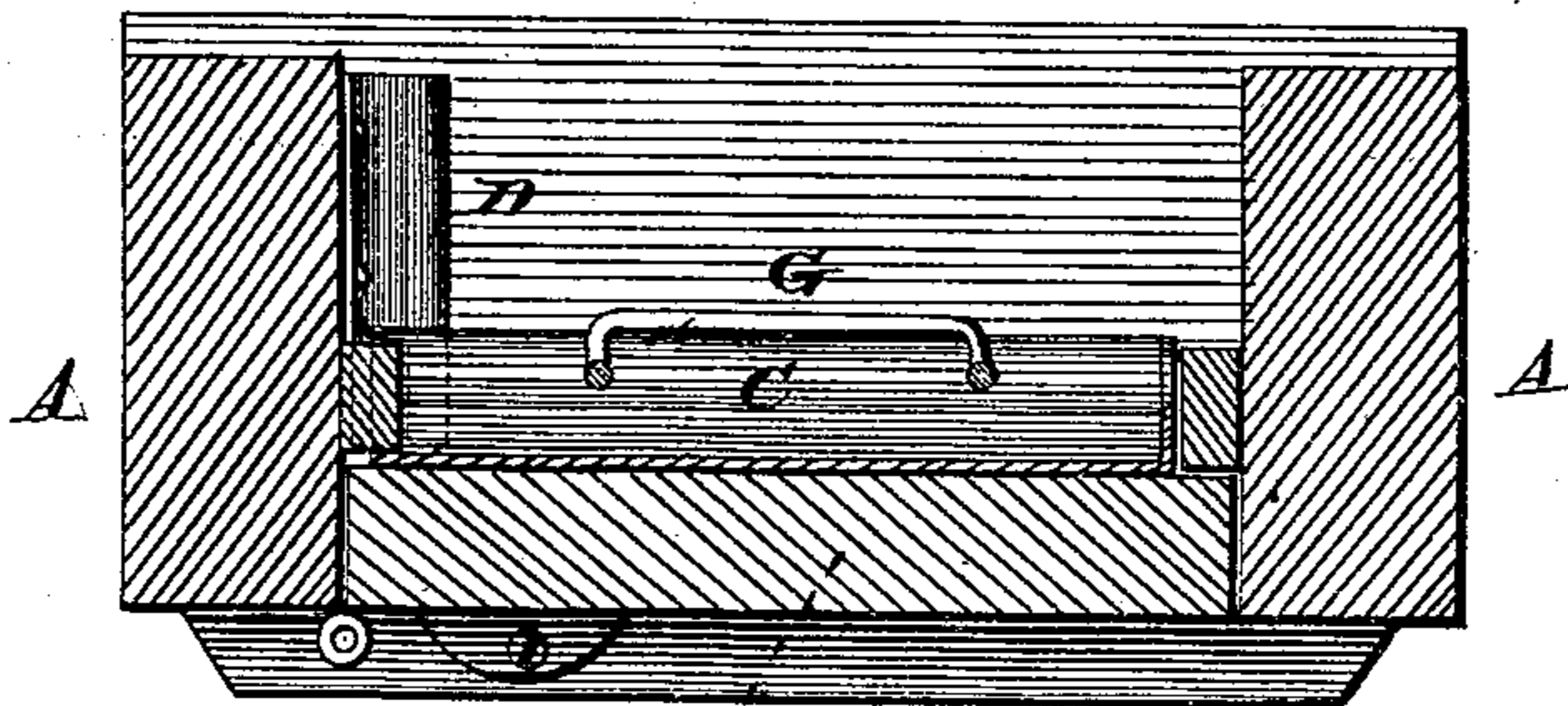
No. 253,561.

Patented Feb. 14, 1882.

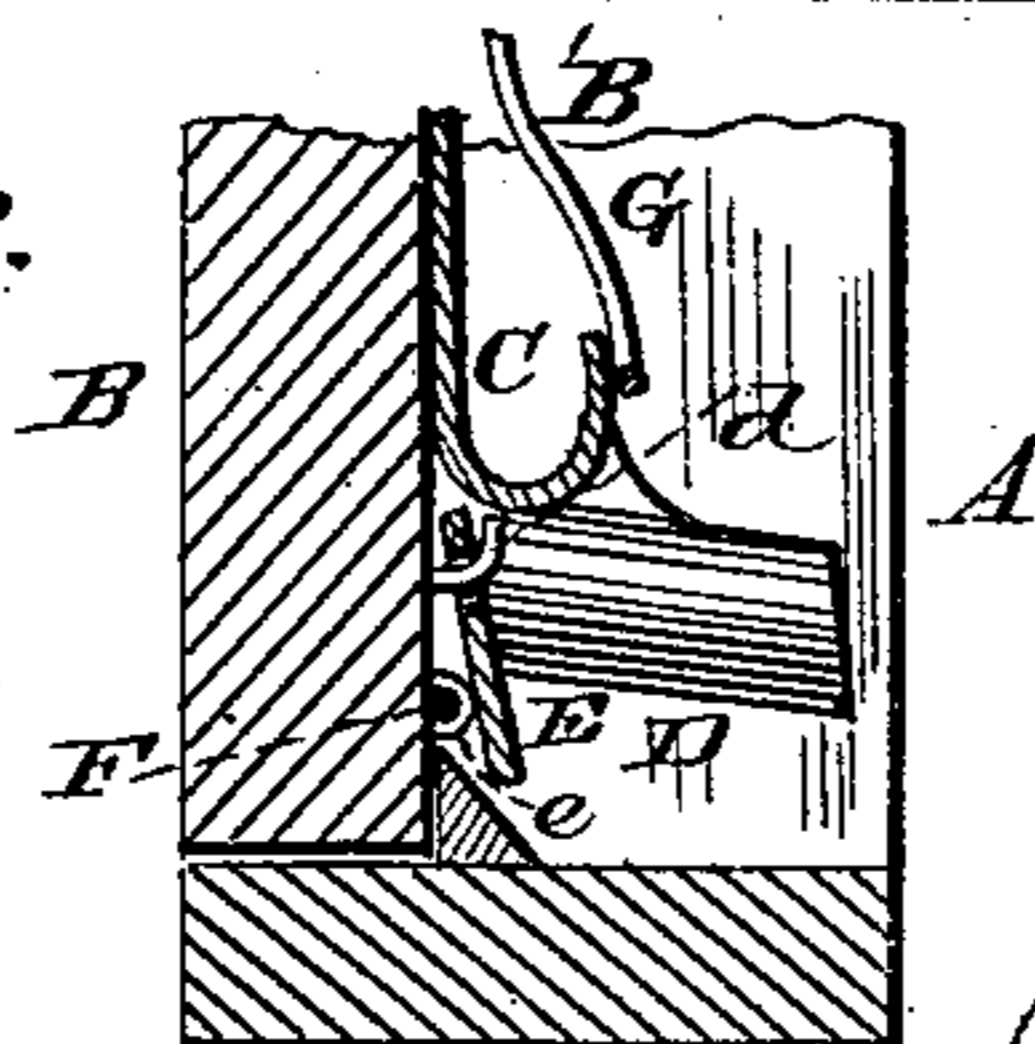
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



WITNESSES

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# UNITED STATES PATENT OFFICE.

WILSON THOMPSON, OF BELLEVILLE, KANSAS.

## WEATHER-STRIP.

SPECIFICATION forming part of Letters Patent No. 253,561, dated February 14, 1882.

Application filed November 16, 1881. (No model.)

*To all whom it may concern:*

Be it known that I, WILSON THOMPSON, of Belleville, in the county of Republic and State of Kansas, have invented certain new and useful Improvements in Weather-Strips; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

The object of this invention is to provide an improved weather strip or guard for doors of dwellings, whereby rain and snow will be effectually prevented from beating in under the door, and also the water will be conducted off to a suitable distance from the door-sill. These objects I attain by means of the devices hereinafter described, and illustrated in the annexed drawings, in which—

Figure 1 is a side elevation of a door-frame and door with my improvement applied. Fig. 2 is a section taken on a horizontal plane just above the trough that is secured to the door, and Fig. 3 is a vertical transverse sectional view.

A indicates an ordinary door-frame, and B a door that is hinged thereto as usual. To the lower portion of the outer side of the door is secured a metal trough, C, which will collect the snow or water that may drive against the door, and hence prevent the same from accumulating upon the sill.

To the door-frame is secured a metal trough

or spout, D, which, when the door is closed, will receive the water from trough C and conduct the same away, thus avoiding any liability of water collecting upon the sill and finding its way under the door. A sheet-metal weather-strip, E, is connected with the door below the trough C by means of hooks *d*, which are secured to the door and adapted to enter openings made in the strip. A rod, F, is secured by staples *e* to the door below said hooks, whereby the strip will have an outward inclination and thus conduct off the water.

In order to effectually secure the trough to the door, and to prevent it from bending out or from being injured by knocks, I secure the ends of a bent spring-rod, G, to the door and arrange said rod so that it will press upon the outer side of the trough, thus holding and bracing the same.

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

The combination, with the door, of the trough secured thereto, the bent spring-rod for bracing the trough, the spout secured to the door-frame, and the weather-strip secured to the door below the trough, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

WILSON THOMPSON.

Witnesses:

JOSEPH BOOTHE,  
S. G. STOVER.