

I. CASE.
Weather-Strips.

No. 135,627.

Patented Feb. 11, 1873.

Fig. 1.

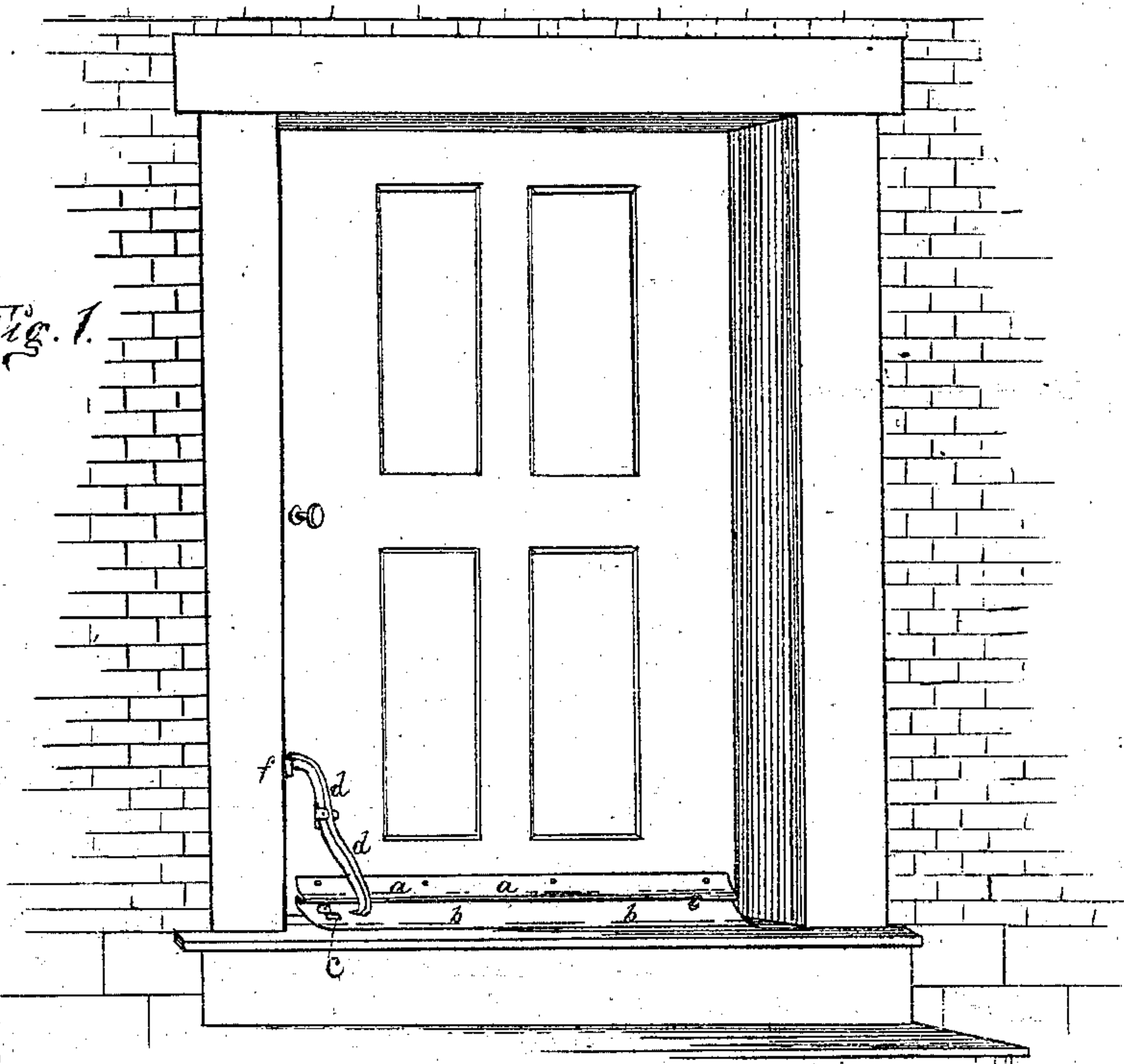
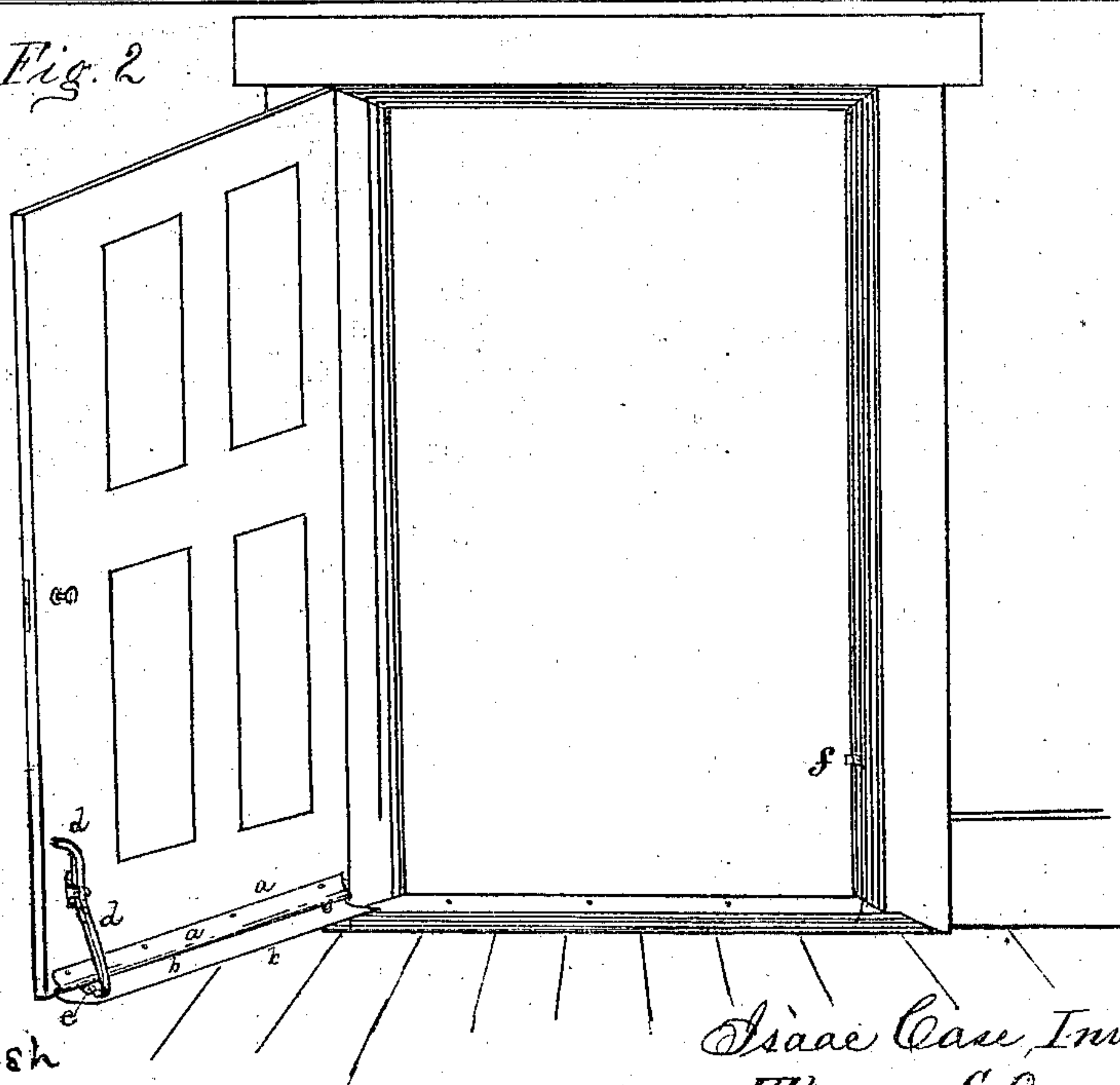


Fig. 2.



Witnesses.

J. H. Marsh
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Isaac Case, Inventor,
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UNITED STATES PATENT OFFICE.

ISAAC CASE, OF DES MOINES, IOWA.

IMPROVEMENT IN WEATHER-STRIPS.

Specification forming part of Letters Patent No. 135,627, dated February 11, 1873.

To all whom it may concern:

Be it known that I, ISAAC CASE, of Des Moines, in the county of Polk and State of Iowa, have invented a certain Automatic Weather-Strip for Doors, of which the following is a specification:

The object of my invention is to provide a self-operating adjustable weather-strip to exclude wind, dust, and rain from blowing in under doors.

It consists in attaching and co-operating an adjustable strip and a pivoted bent lever, in the manner hereinafter fully set forth.

Figure 1 of my drawing is a miniature perspective view of a closed door, showing my invention attached and adjusted to close the crevice under the door. *a a* is a metallic strip in the form of a molding, permanently fixed near the bottom edge of the door. The under edge is curved inward. *b b* is a metal strip, curved outward on the top edge, and hooked into and hinged to the lower edge of the fixed strip *a a*. *c* is a catch riveted to, or swaged in, the end of *b b*. A pin or its equivalent passes through the hinged strip *b b* to prevent it from moving laterally. *d d* is a pivoted bent lever permanently attached to the door. A hook on its lower end is formed to slip into and out of the

catch *c* on the strip *b b*. The upper end is bent at a right angle to reach to and press against the stop *f* attached to the door-facing. When the door closes the upper end of the pivoted lever *d d* is arrested by the stop *f*, and lifted and freed at its lower end from the catch *c*. This action allows the hinged strip *b b* to fall and close the crevice under the door.

Fig. 2 is a perspective view, showing the door opened inward and the strip *b b* elevated and held in position by the lever *d d*, in such a manner that it will move with the door and not drag, scrape, or catch on the carpet or floor. The act of opening the door frees the lever from the stop *f* and allows it to drop into the catch *c*, while the strip *b b* is raised and passes over the swell or strip commonly fixed on the threshold.

Claim.

I claim as my invention—

The strips *a a* and *b b*, the catch *c*, the bent lever *d d*, and the stop *f*, made, combined, and operated with a door, in the manner described and for the purposes specified.

ISAAC CASE.

Witnesses:

WM. S. BEESON,
J. K. MARSH.