

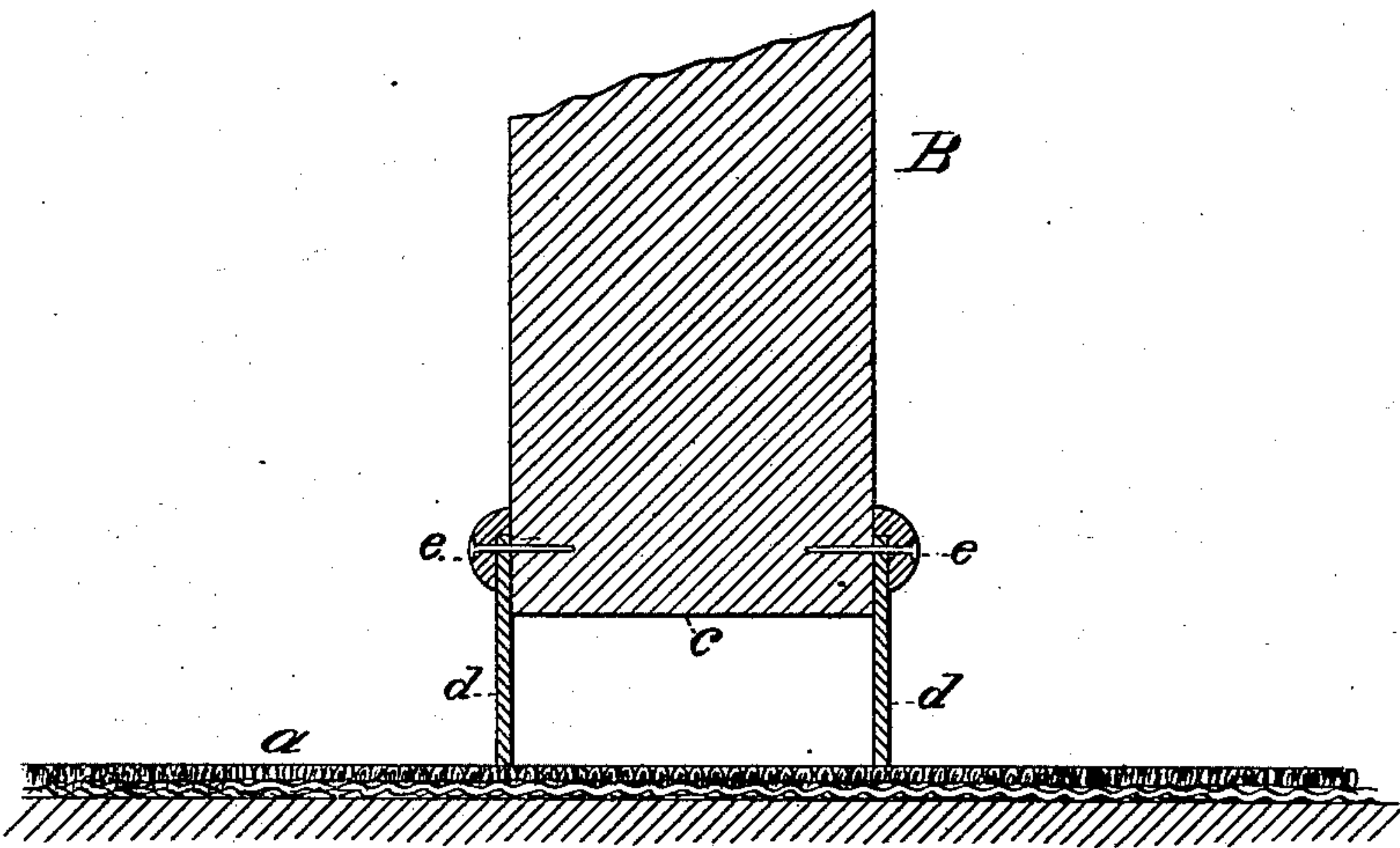
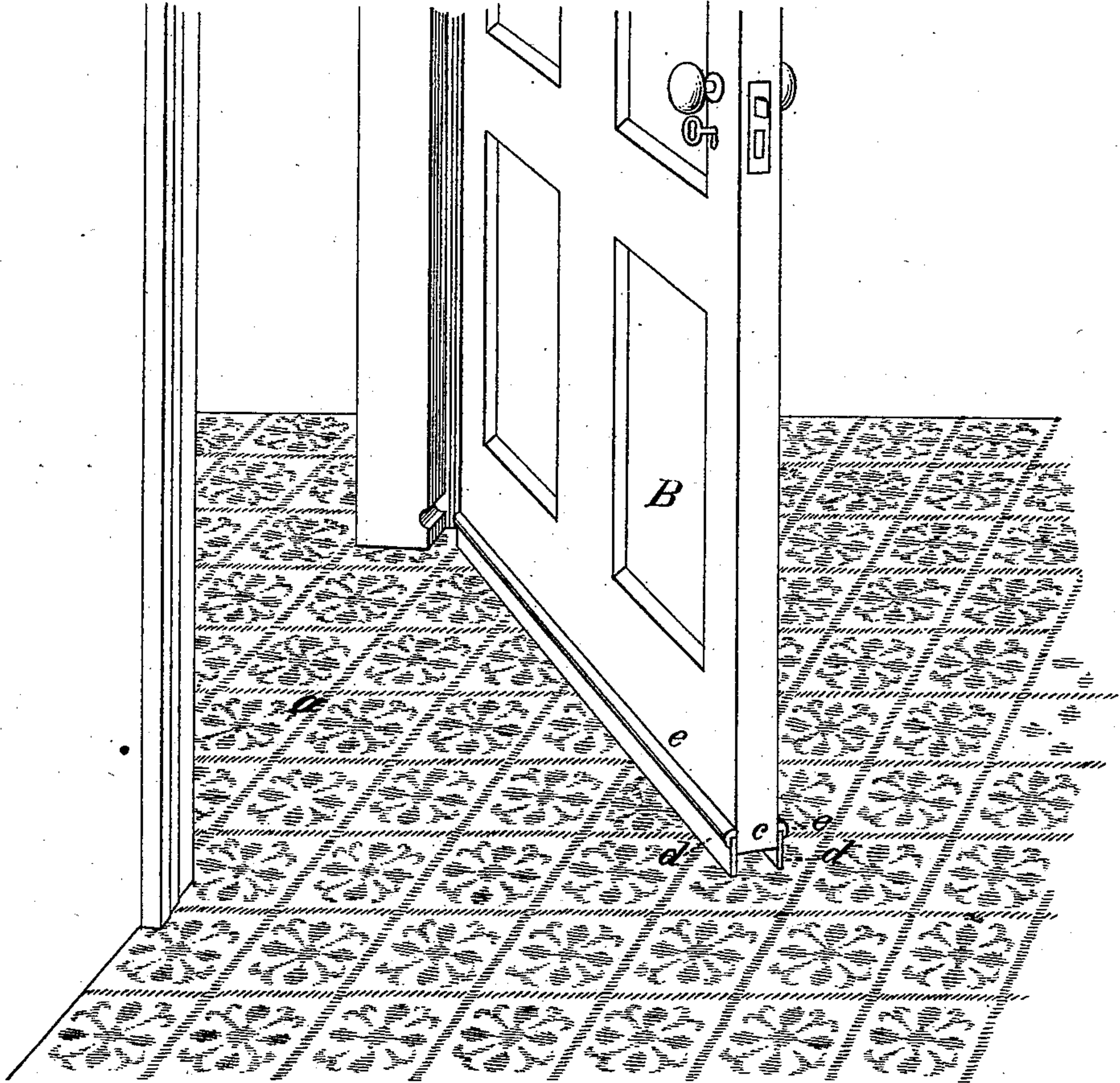
(No Model.)

J. SMITH & J. P. RHODES.

ATTACHMENT FOR INSIDE DOORS.

No. 275,726.

Patented Apr. 10, 1883.



WITNESSES

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UNITED STATES PATENT OFFICE.

JOHN SMITH AND JOHN P. RHODES, OF ROCKVILLE CENTRE, NEW YORK.

ATTACHMENT FOR INSIDE DOORS.

SPECIFICATION forming part of Letters Patent No. 275,726, dated April 10, 1883.

Application filed December 9, 1882. (No model.)

To all whom it may concern:

Be it known that we, JOHN SMITH and JOHN P. RHODES, citizens of the United States, residents at Rockville Centre, in the county of Queens and State of New York, have invented certain new and useful Improvements in Attachments for Inside Doors; and we do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

Figure 1 of the drawings is a representation of this invention in a perspective view. Fig. 2 is a vertical section.

This invention has relation to improvements on inside doors; and it consists in providing the bottom of the doors with edgestrips, of rubber or other flexible material, projecting below the edge of the door, the upper edges of said strips being covered and protected by moldings, all as hereinafter set forth.

The object of this invention is to dispense with inside door-sills or threshold-strips and at the same time to provide a close joint at the bottom of the door.

In the accompanying drawings, the letter *a* designates the upper surface of the flooring, which is laid level or without a raised strip under the door.

The door *B* should be hung so that its lower end, *c*, is about three-quarters of an inch above the floor-surface. In houses already built the interspace between the bottom of the doors and the flooring is provided by simply removing the ordinary raised threshold-strip. When this is done a carpet can be laid under the doors, so that there is no need of cutting the material.

To the bottom of the door is secured, on each side, a strip, *d*, of rubber or other flexible material, which projects below the lower edge of the door sufficiently to engage or nearly engage the carpet or floor surface below the same without bearing upon the same. This flexible strip is covered and protected on its upper edge

by means of a horizontal molding, *e*, which can be made of ornamental pattern. The molding effectually preserves the strip, preventing it from being casually torn off or injured.

By the introduction of this improvement it is designed to provide for laying carpets in a level and continuous manner through inside doorways. Obstructions in the form of threshold-strips will be entirely dispensed with in such doorways, so that rooms and closets can be thoroughly swept and cleaned. At the same time the door is hung sufficiently high to prevent wearing the floor or carpet, and a close joint is made under the door by its flexible bottom strips.

A weather-strip for doors and windows, composed of a rubber strip and a metal strip, the metal strip incasing one edge of the rubber strip, and the united strip thus formed being folded upon itself and secured to the lower edge of a door or window by nails or screws, has been used prior to my invention; and a wide strip of rubber has been secured in a groove in the bottom edge of a door, so that both edges of the strip project outside of the groove and come in contact with the carpet-strip, and thus form a fender against wind and rain. Neither of these constructions is claimed herein.

Having described this invention, what we claim, and desire to secure by Letters Patent, is—

The combination, with a level flooring-surface extending through the doorway, of a door elevated above the same, and provided on each side with a flexible strip, *d*, extending below the lower edge of the door, and with suitable devices for fastening and protecting the upper edge of said strip upon the door, substantially as specified.

In testimony whereof we affix our signatures in presence of two witnesses.

JOHN SMITH.

JOHN P. RHODES.

Witnesses:

WM. H. RAYNOR,

SAMUEL DEMOTT.