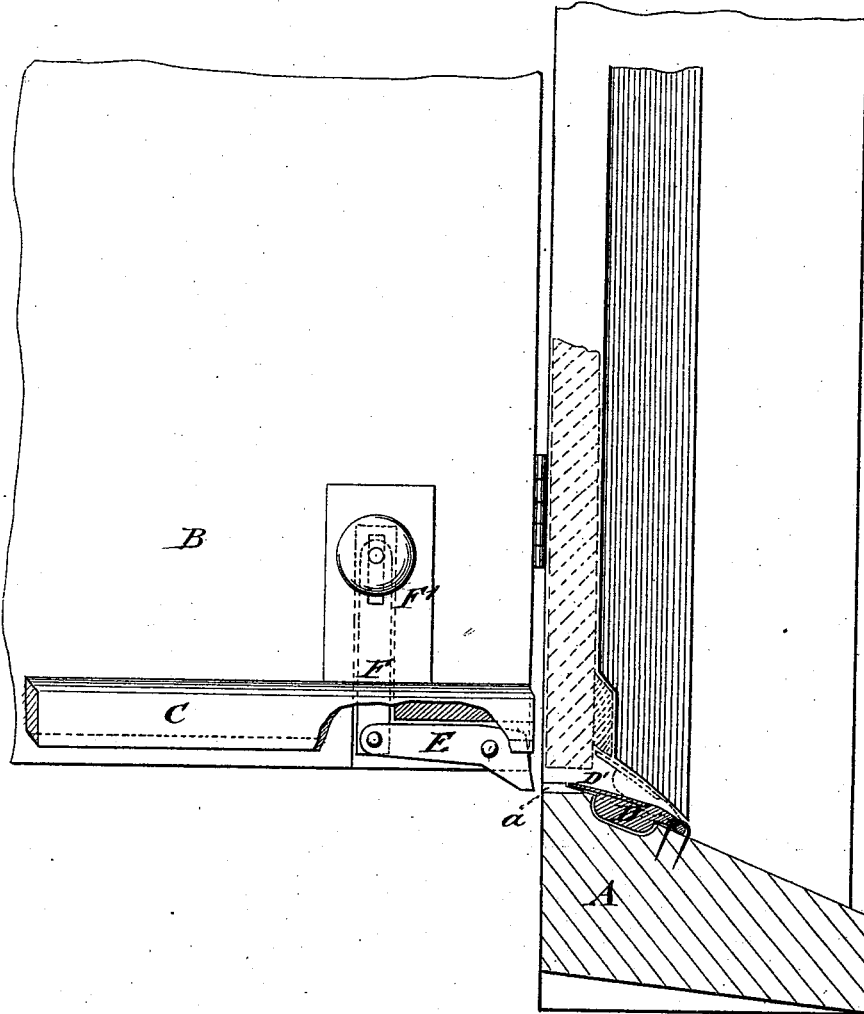


A. PRATT.
WEATHER-STRIP.

No. 183,592.

Patented Oct. 24, 1876.



WITNESSES:

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INVENTOR:

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UNITED STATES PATENT OFFICE.

AMOS PRATT, OF PERCIVAL, IOWA.

IMPROVEMENT IN WEATHER-STRIPS.

Specification forming part of Letters Patent No. 183,592, dated October 24, 1876; application filed August 28, 1876.

To all whom it may concern:

Be it known that I, AMOS PRATT, of Percival, in the county of Fremont and State of Iowa, have invented a new and Improved Weather-Strip, of which the following is a specification:

The accompanying drawing represents a door and door-sill with my improved weather-strip attachment, shown partly in side elevation and partly in section.

The object of my invention is to furnish a reliable and durable weather-strip for preventing the rain and moisture from entering under the outside doors in stormy weather; and the invention consists of a hinged carpet or weather strip let flush into the sill, and provided with a top plate that may be raised by a fulcrumed lever to form contact with a molding of the door. The lever raises the strip by passing along a recess of the sill under the strip, the same being thrown out of contact with the strip by a slide-piece and knob.

In the drawing, A represents a door-sill, and B an outside door, with a molding, C, near the lower edge. A weather or carpet strip, D, is fitted into a groove of the sill or threshold, so as to be flush with the same, and hinged in suitable manner to the same. A top plate, D', of the strip D is extended over the strip, so as to be engaged by a fulcrumed lever, E, that is lowered by a slide-piece, F, operated by a knob, F'. The slide-piece and knob are guided in a recess and slot of the door, the slide-piece being pivoted to the longer end of the lever E, so as to raise or lower the same as the slide-piece is pushed

down or drawn up. The other projecting end of the lever E is thrown below the lower edge of the door when the weather-strip is desired to be used, and passed along a recess, a, of the door-sill, under the projecting top plate D', so as to raise the same simultaneously with the closing of the door. The weather-strip is thereby thrown up into inclined position, and retained in contact with the under side of the molding C and the recessed lower parts of the side beads or strips of the door. The water is thereby prevented from entering to the hall or room, and the weather-strip in this manner brought into use only in case of stormy weather, the lever being thrown upward into a recess of molding C, so as not to engage the strip when the same is not required.

The weather-strip remains in the sill, and is protected against wear by the top plate.

In case of stormy weather the slide-piece is pushed up, the door closed, and the strip raised, forming thus a weather-guard of simple, neat, and durable construction.

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

The combination of hinged extension-strip D D', lever E, and slide-piece F, all arranged with respect to door and sill, substantially as and for the purpose specified.

AMOS PRATT.

Witnesses:

D. LUMM,
J. M. HOOD.