(No Model.)

H. W. OGG.

WEATHER STRIP.

No. 467,621. Patented Jan. 26, 1892.

Fig. 1.

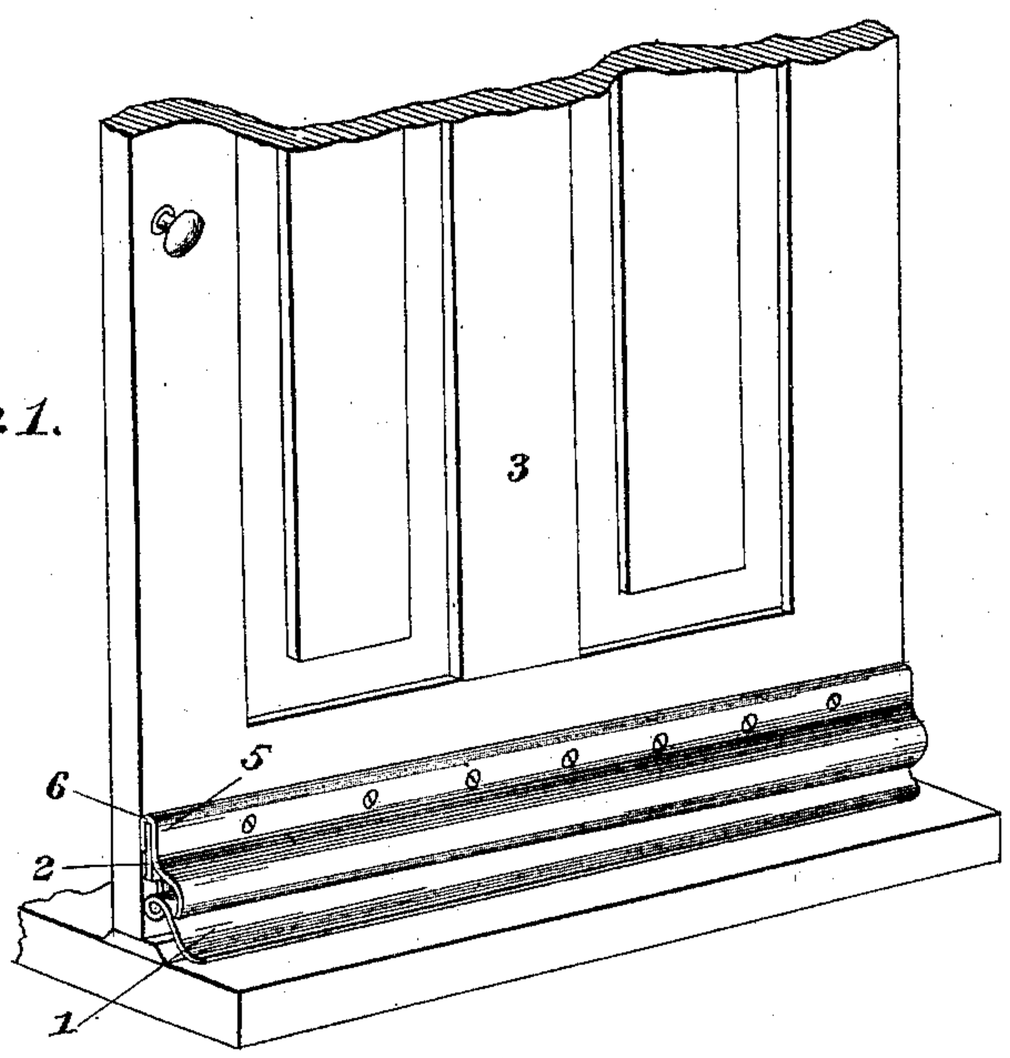
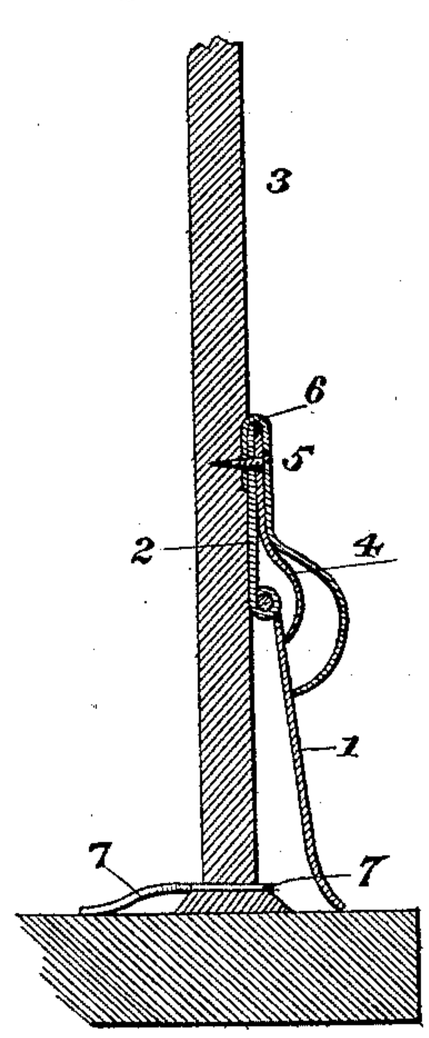


Fig. 2.



Witnesses
B. S. Ober.
H. J. Riley

Inventor
Harvey W. Ogg,

By his Attorneys,
Church & Co.

UNITED STATES PATENT OFFICE.

HARVEY W. OGG, OF ORRICK, MISSOURI.

WEATHER-STRIP.

SPECIFICATION forming part of Letters Patent No. 467,621, dated January 26, 1892.

Application filed July 8, 1891. Serial No. 398,803. (No model.)

To all whom it may concern:

Be it known that I, HARVEY W. OGG, a citizen of the United States, residing at Orrick, in the county of Ray and State of Missouri, have invented a new and useful Weather-Strip, of which the following is a specification.

The invention relates to improvements in weather-strips.

The object of the present invention is to simplify and improve the construction of hinged weather-strips, to increase their strength and durability, and to enable them to close effectually the space at the bottom of a door.

The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claim hereto appended.

In the drawings, Figure 1 is a perspective view of a weather-strip constructed in accordance with this invention and shown applied to a door. Fig. 2 is a vertical sectional view.

Referring to the accompanying drawings, 1 designates the lower section of a weather-strip, which section is hinged to an upper section 2, and the latter is secured to a door 3 and carries springs 4, which are arranged on the outer face of the upper section and are adapted to engage the lower section to hold the same against the sill of a door to close the usual opening or space and to shut out effectually wind, rain, snow, and the like. The upper section 2 has secured to it a casing 5, which has its upper edge bent upon itself and forming a flange 6, which is arranged on the rear face of the upper section, and the latter fits in the recess or groove formed by the flange, and the lower portion of the casing is curved and is approximately semicircular in cross-section, and it covers the lower ends of the springs and the connection of the sections of the weather-strip. The upper portion of the casing is secured to the upper section by the screws, nails, or other means which fasten the weather-strip to the door, and the lower edge of the casing forms a stop to limit the swing of the lower section. The lower hinged section 1 is guided to its position on the sill by a curved plate 7, which is secured to the sill near the inner or hinged edge of the door.

It will be seen that the weather-strip is simple, strong, and durable, and is adapted to close the opening or space at the bottom of a door to exclude wind, rain, and snow.

What I claim is—

A weather-strip comprising the upper section designed to be secured to a door, the lower section hinged to the upper section and adapted to close against a door-sill, the spring secured to the upper section and engaging the lower section, and the casing constructed of sheet metal and having its lower portion curved and covering the springs and the connection of the sections and having its upper edge bent upon itself and forming a flange to provide a recess or groove to receive the upper edge of the upper section, the casing being designed to be secured to the upper section by the same means which secures the weather-strip to a door, substantially as described.

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

HARVEY W. OGG

Witnesses:
A. L. HULL,
S. HULL.