

P. ENGLAND.
Weather-Strip.

No. 210,309.

Patented Nov. 26, 1878.

Fig. 1.

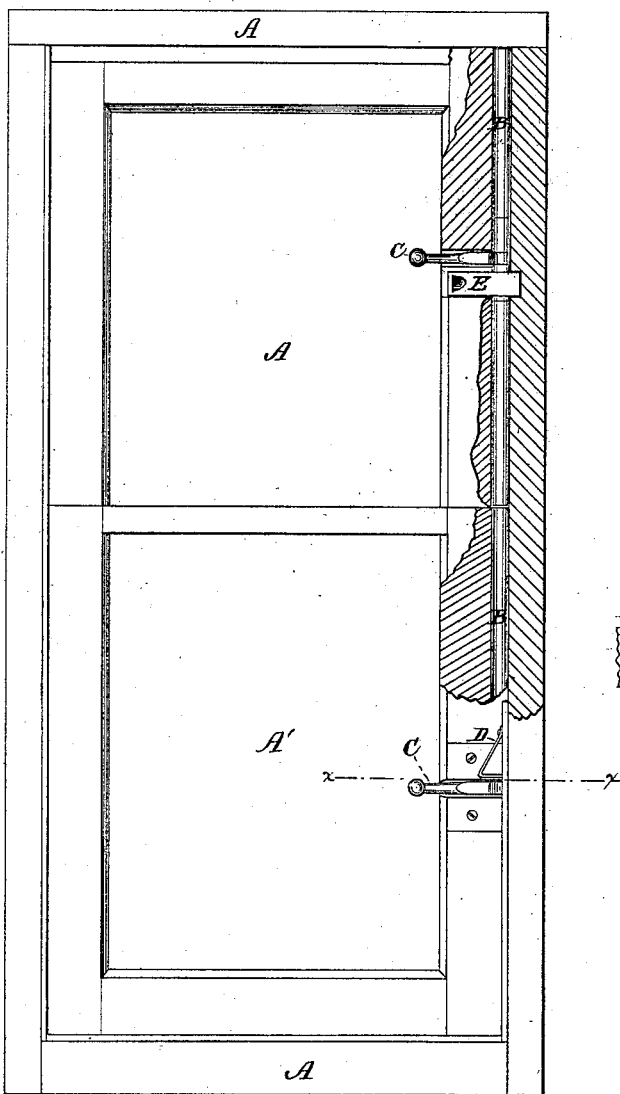
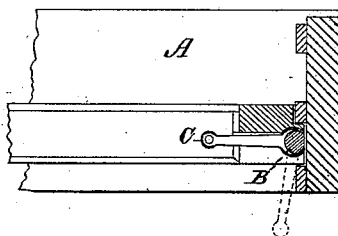


Fig. 2.



WITNESSES:

W. W. Hollingworth
Edw. W. Byrnes

INVENTOR:

Paron England

BY

Rum T G

ATTORNEYS.

UNITED STATES PATENT OFFICE.

PAREN ENGLAND, OF LINCOLN, NEBRASKA.

IMPROVEMENT IN WEATHER-STRIPS.

Specification forming part of Letters Patent No. **210,309**, dated November 26, 1878; application filed October 31, 1878.

To all whom it may concern:

Be it known that I, PAREN ENGLAND, of Lincoln, in the county of Lancaster and State of Nebraska, have invented a new and Improved Combined Sash-Lock and Weather-Strip; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing, forming part of this specification, in which—

Figure 1 is a front view of a window, with a part of the frame in section. Fig. 2 is a horizontal cross-section through the line *x x*, Fig. 1.

My invention relates to a combined sash-lock and weather-strip, designed to both lock the sash in any position, and at the same time to tightly close the joint between the sash and the framing, so as to prevent the entrance of cold air, dust, or snow.

The invention consists in an axially-moving rod extending the full length of the sash, which rod is arranged in a groove in the side of the said sash, and provided with a right-angular lever or handle, by which the rod may be turned to cause the same to bind with the window-frame to sustain the sash or lock it down, and at the same time to tightly hold the sash against rattling and the entrance of cold air, dust, or snow.

In the drawing, A represents a window-frame, in which are arranged the two sashes, A A'. In the edge of each of these sashes, next to the window-frame, is formed a groove, in which is located a rod, B, extending the full length of each sash. This rod is made of either wood or iron, and has one side slightly flattened, which flattened side is, when the sash is free to move, next to the window-frame. Projecting at right angles from the rod is a lever or handle, C, by which the rod

B may be turned axially, so that its rounded side is made to bind like a cam throughout its entire length against the window-frame, which, it will be seen, holds the sash supported in any desired position, or locks it down securely against the entrance of burglars. The lever C of each of both the upper and lower sash are arranged in recesses in the window-sash.

For locking the lower sash down with greater security a projection, D, may be arranged on the window-frame, under which the handle or lever may be left when the rod is turned; and for locking the upper sash more securely when up, a sliding bolt, E, may be arranged on the sash, which may be thrust into a recess in the frame.

By this arrangement it will be seen I have at the same time a simple and secure locking device for the sash, and an effective weather-strip, the back thrust of the sash, from the binding of the rod, serving to effectually close the joint upon the opposite side, also, without a duplication of the devices.

Having thus described my invention, what I claim as new is—

1. A combined sash-lock and weather-strip consisting of a binding-rod arranged to rotate in a groove in the edge of the window-sash, and extending the full length of the same, and provided with a suitable handle, substantially as described.

2. The combination of the rotating rod B, having a right-angular lever-handle, with the sash having a transverse recess to receive said handle and allow the free movement of the sash, substantially as described.

PAREN ENGLAND.

Witnesses:

W. E. STEWART,
W. LORCC.