

G. P. POTTER.
Window Weather-Strips.

No. 140,640.

Patented July 8, 1873.

Fig. 1.

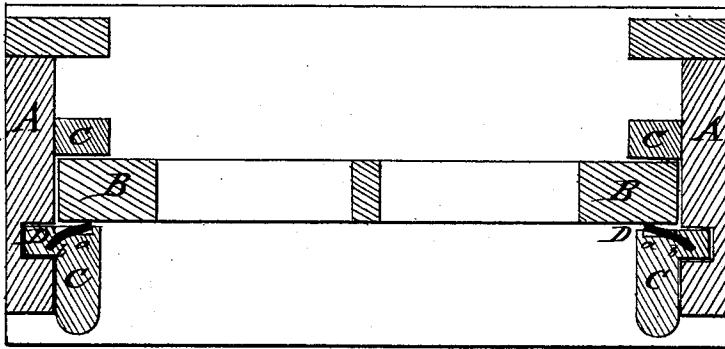
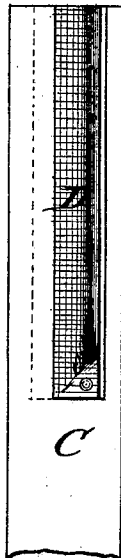


Fig. 2.



Witnesses:

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Per

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UNITED STATES PATENT OFFICE.

GILES P. POTTER, OF COVENTRY, RHODE ISLAND.

IMPROVEMENT IN WINDOW WEATHER-STRIPS.

Specification forming part of Letters Patent No. **140,640**, dated July 8, 1873; application filed May 5, 1873.

To all whom it may concern:

Be it known that I, GILES P. POTTER, of Coventry, in the county of Kent and State of Rhode Island, have invented a new and Improved Combination Sash-Holder and Weather-Strip, of which the following is a specification:

In the accompanying drawing, Figure 1 represents a sectional elevation of a window, showing the battens arranged with rubber strips, serving as combination of sash-holder and weather-strip. Fig. 2 is a detail front view of the same.

Similar letters of reference indicate corresponding parts.

My invention consists in constructing the aforesaid battens so as to be essentially right-angled in cross-section, whereby they are adapted to be applied to the casing in a new way, and perform their function in a superior manner.

The whole strip arrangement is placed out of sight, simple and convenient in application, and a substitute for weather-strips as well as the different devices for lifting and holding the sash.

My invention consists in providing the battens or vertical guide-strips of sash-windows with India-rubber strips set obliquely into the battens to project with their other ends and act like spring-packing on the window-sash. Suitable recesses in the battens allow the receding of the strips on opening or closing the windows.

In the drawing, A represents the window-frame; B, the window-sash; and C, the vertical battens or guide-strips, between which the sash is hoisted. They are, as shown, right angled in cross-section, one part fitting in a vertical groove in the frame or casing A, and the other against the inner side of said cas-

ing. This construction and arrangement serve to cause the battens to retain their proper position, which they would not otherwise do so well, since the part which enters the groove will shrink and thus become loose. They are provided on the side facing sash B with recesses *a* corresponding in depth to the thickness of the rubber strips to be used. An oblique extension, *b*, of recess *a* in the batten C, serves for placing the end of rubber strip D therein, which is rigidly connected therewith by means of their wedge-strips, glue, and nails. The front end of the strip D projects above the batten under the angle on which it is placed in the recess, and is pressed back on moving sash B over it into recess *a*. The spring action of the rubber strip D holds the sash at any position, and admits an easy and noiseless opening and closing of the same. When closed strip D serves as air-tight packing between sash and battens, and prevents thereby the entrance of draft and dust. The strip D resumes on the opening of the window its oblique position, so as to be always in readiness for action. The strips for the lower sash are arranged at the lower part of the battens, those for the upper at the upper part of the same, and are not visible, being inclosed and covered by sash and battens.

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

In combination with the sash B and grooved frame A the battens C right angled in cross-section and provided with the rubber strips D, as shown and described.

GILES P. POTTER.

Witnesses:

THOS. A. WHITMAN,
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