

J. Hunnewell,

Nursery Window-Guard,

N^o 41,511.

Patented Feb. 9, 1864.

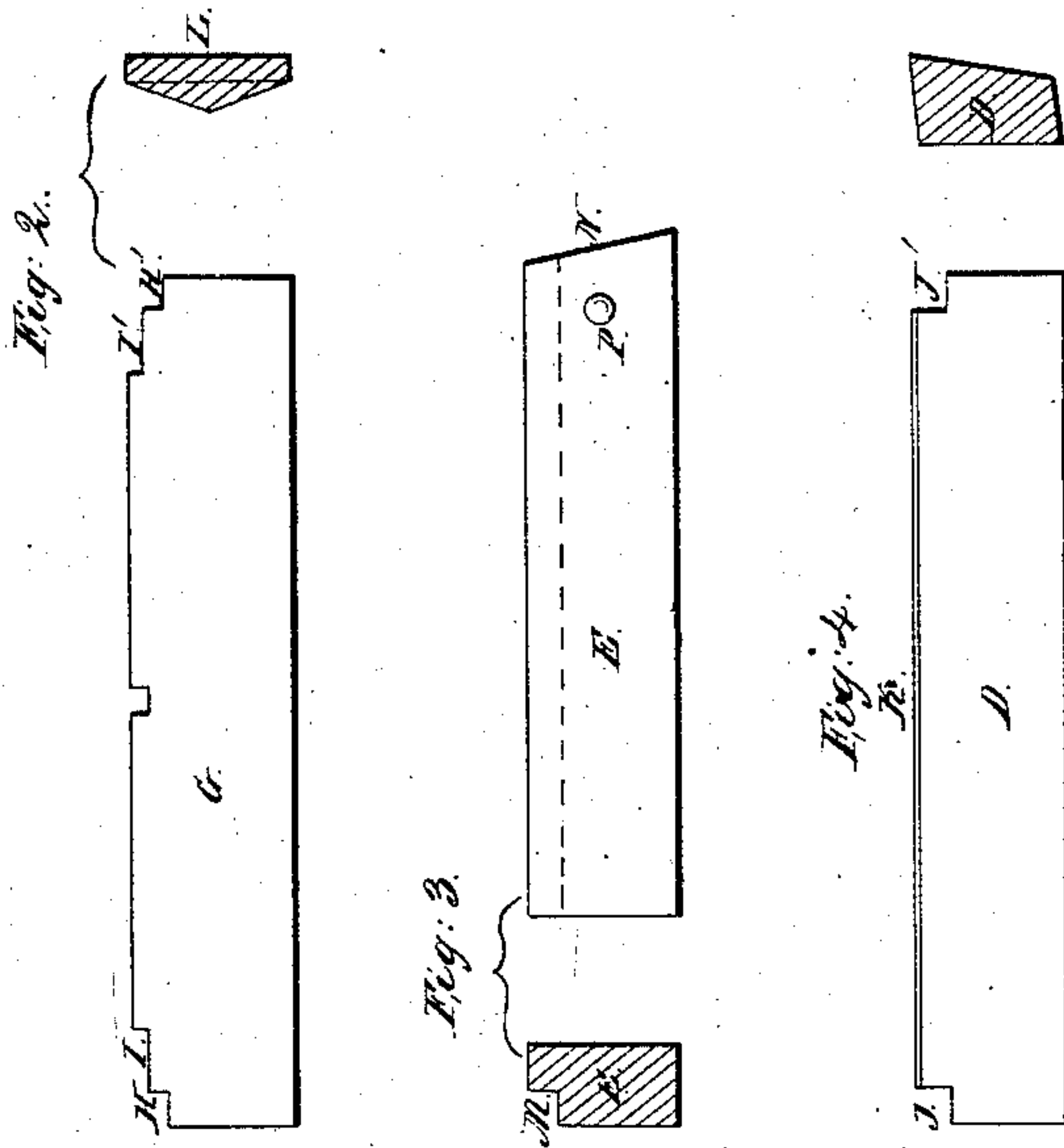
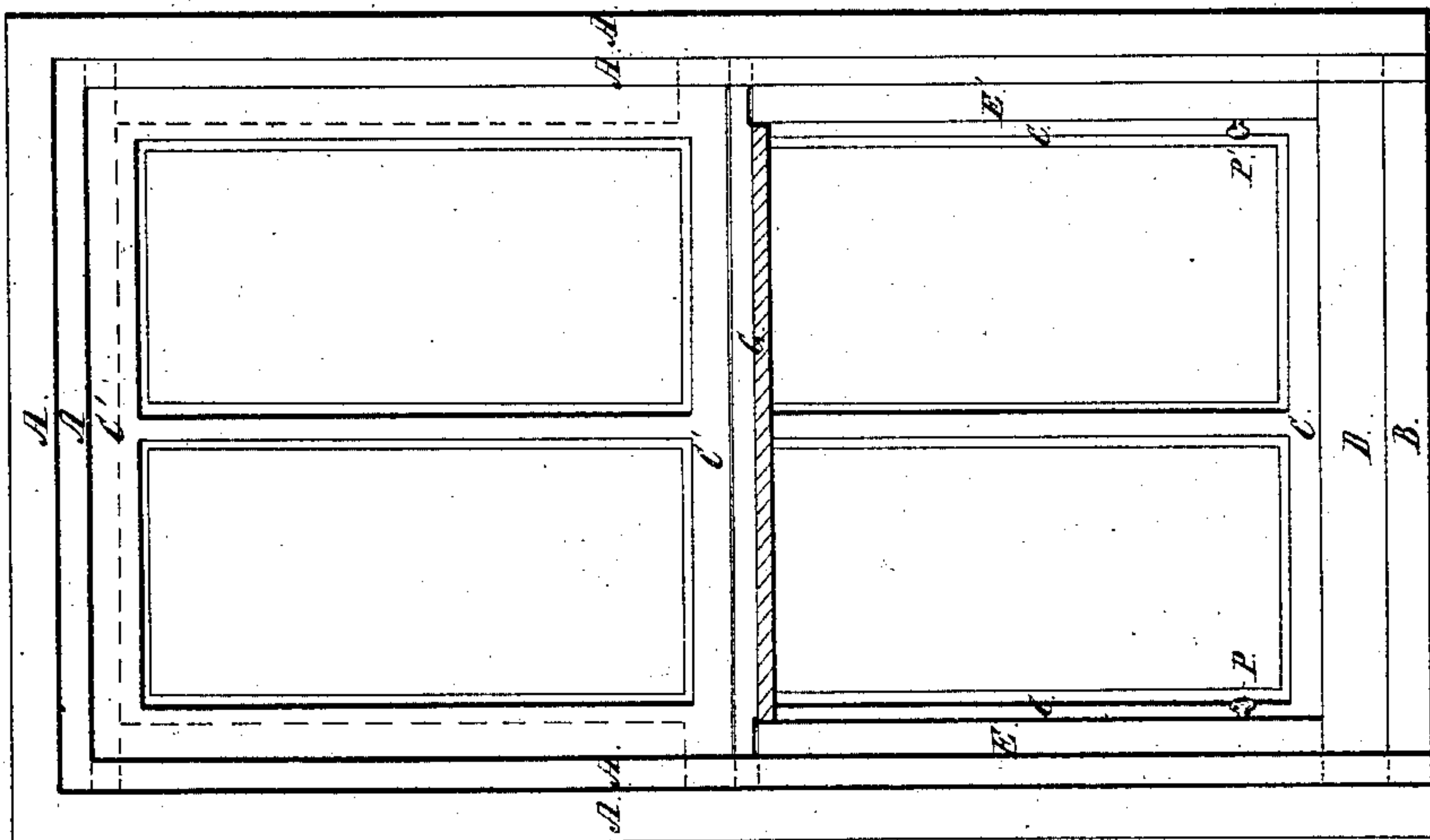


Fig. 1.



Witnesses:

John H. Butcher
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Inventor:

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UNITED STATES PATENT OFFICE.

HUNNEWELL, OF CHARLESTOWN, MASSACHUSETTS.

IMPROVEMENT IN WINDOW-GUARDS

Specification forming part of Letters Patent No. 41,511, dated February 9, 1864.

To all whom it may concern:

Be it known that I, JAMES HUNNEWELL, of Charlestown, in the county of Middlesex and State of Massachusetts, have invented an Improvement in Window-Guards; and I do hereby declare that the following is a full and exact description thereof, and of the manner of using the same, reference being had to the accompanying drawings, and to the letters and figures marked thereon.

Figure I is a front view of the outside of a window with the guard attached. Fig. II is a plan and section of the cap-piece. Fig. III is a plan and section of one of the side pieces. Fig. IV is a plan and section of the base.

My improvement is intended to exclude cold air, snow, rain, and dust from apartments, to prevent the vibration and rattling of the sashes, and avoid many of the objections that attend the use of double windows.

The construction of the several parts and their adaptation to windows and window-frames may be slightly varied, provided that the main features of my plan are retained, as herein described. It is to be applied to both the upper and lower sashes, or to either one of them, the general plan and design being similar in both cases.

The frame of the window is represented at A, Fig. I, and the sill at B. The sashes C and C' slide vertically in the frame, both being closed when my attachments are in use.

The guards for the lower sash consist of four pieces—viz., the base D, the cap G, and the two side pieces, E E'. The base D lies upon the window-sill, its ends being fitted to the frame, as shown in Fig. IV at J J'. Its inner edge, K, bears against the sash, at which point it is covered with cloth or india-rubber.

The cap-piece G fits to the lower side of the upper sash, lapping over the joint between the two sashes, and is cut away, as shown at H I, Fig. II, to fit the parting bead and the sash. Its shape is shown in section at L, the lower side being beveled, to keep the water-drip away from the window. This bevel is cut away to the dotted line, forming a shoulder or rabbet to receive the upper ends of the side pieces, E E'. The form of these two pieces is represented in Fig. III. The lower end, N, of each piece rests upon the base D. The inner edge, that is in contact with the sash, is cut away, as at M, to receive the parting-bead, at which point india-rubber or cloth may be applied. These strips are just wide enough to fit accurately into the frame, and are provided with a knob or screw-ring, P, by which they are readily removed, when necessary.

The upper sash, C', is guarded in the same manner as the lower one, as shown by the dotted lines.

To apply the guards the base and cap are first put in place. The side pieces are then put in, and all the parts are then firmly held together and secured in place without the use of nails or screws.

What I claim, and desire to secure by Letters Patent, is—

The combination of two vertical strips placed on opposite sides of the window with the cap and sill, the four pieces being arranged with reference to each other in the manner and for the purpose herein described.

JAMES HUNNEWELL. [L. s.]

In presence of—

JOHN M. BATCHELDER,
SAML. BATCHELDER, Jr.