No. 736,588. PATENTED AUG. 18, 1903.

C. L. EDMONDS.

WINDOW SILL.

APPLICATION FILED APR. 4, 1903.

NO MODEL.

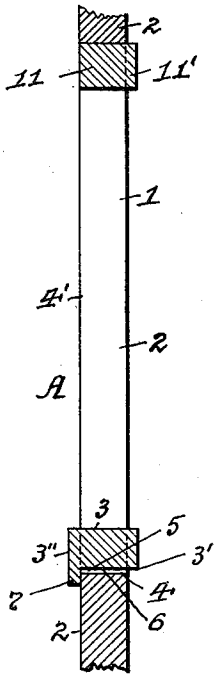


Fig. 2

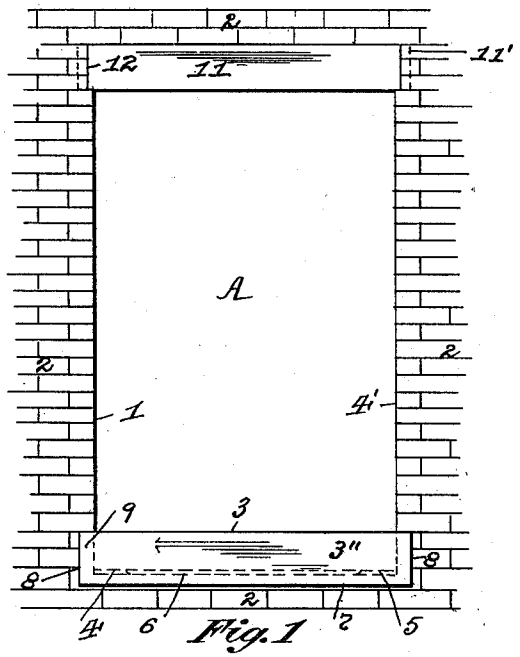


Fig. 1

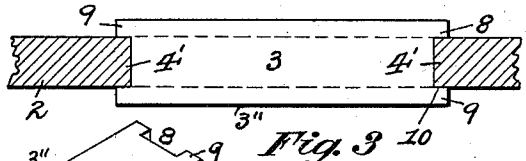
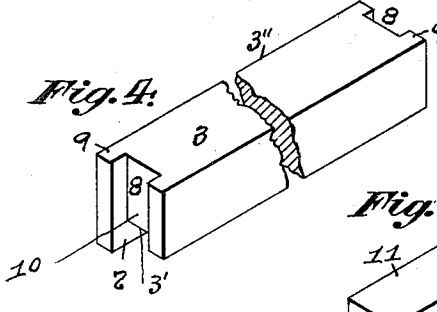
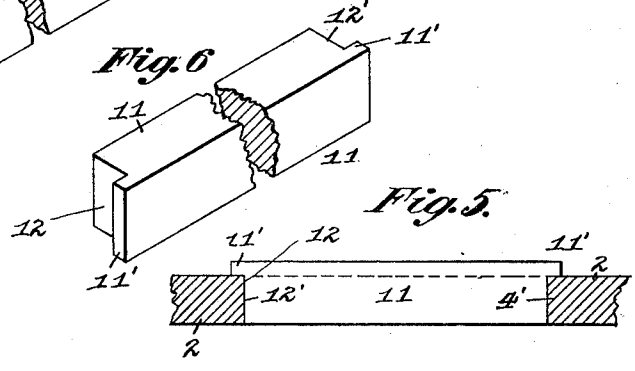


Fig. 3





Witnesses:
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THE NORRIS PETERS CO. PHOTO-LITHO., WASHINGTON, D. C.

No. 736,588. Patented August 18, 1903.

UNITED STATES PATENT OFFICE.

CHARLES L. EDMONDS, OF CLARKSBURG, WEST VIRGINIA.

WINDOW-SILL.

SPECIFICATION forming part of Letters Patent No. 736,588, dated August 18, 1903.

Application filed April 4, 1903. Serial No. 151,082. (No model.)

To all whom it may concern:

Be it known that I, CHARLES L. EDMONDS, a resident of Clarksburg, in the county of Harrison and State of West Virginia, have invented a new and useful Improvement in Window-Sills; and I do hereby declare the following to be a full, clear, and exact description thereof.

My invention relates to window-sills, and has for its object to provide a cheap and simple form of sill which will always be kept in place within the wall and be held by such wall from displacement, as well as one which will overcome the entrance of water, dirt, &c., into such wall under the same.

My invention consists, generally stated, in the novel arrangement, construction, and combination of parts, as hereinafter more specifically set forth and described, and particularly pointed out in the claims.

To enable others skilled in the art to which my invention appertains to construct and use my improved window-sill, I will describe the same more fully, referring to the accompanying drawings, in which—

Figure 1 is a face view of a window containing my invention. Fig. 2 is a vertical section thereof. Fig. 3 is a cross-section of said window. Fig. 4 is a perspective view of the sill. Fig. 5 is a cross-section of a window containing a cap therein employing my invention, and Fig. 6 is a perspective view of such cap.

Like symbols of reference herein indicate like parts in each of the figures of the drawings.

A represents the window, in which 1 is the opening formed within the wall 2 for the frame and sash, (not shown,) and at the lower end or bottom of this opening 1 is the window-sill 3, which is of the ordinary rectangular shape and is adapted to rest upon the lower face 4 of the opening 1 in the wall 2. The sill 3 when formed of stone, terra-cotta, &c., is generally arranged upon the face 4, so that each end of such sill rests upon projecting portions 5 on each end of the faces 4, which form the opening or space 6 between such face 4 and the lower face 3′ on the sill 3 for overcoming the liability of breakage in the sill 3. A projecting ledge or flange 7 is formed on the front face 3″ of the sill 3, and such flange extends entirely across said sill and below the lower face 3′ thereof, so as to cover said space 6 and allow rain, water, &c., to run or drip down along and off said front face 3″ in order to overcome the entrance of such rain, water, &c., along said lower face 3′ through the space 6 and into the face 4 of the wall 2. On each end 8 of the sill 3 are the projections, lips, or flanges 9, which form the recesses 10, and between which the side faces 4′ of the opening 1 in the wall 2 are adapted to fit, so as to prevent the dropping out or displacement of the sill 3 from within the opening 1 of said wall 2.

It will be evident that my invention can be used in connection with a window-cap such as is shown in Figs. 5 and 6, which cap 11 is also shown in Figs. 1 and 2 and is provided with a single projection, lip, or flange 11′ on each end 12 thereof, which forms a seat 12′ therein, and such flanges 11′ are adapted to bear against the side faces 4′ of the wall 2 in the opening 1 and at the top of said opening, so as to prevent the dropping out or displacement of said cap 11 and such cap being supported by said wall 2 beyond the side faces 4′ thereof. This and various other modifications and changes in the construction and design of my improved window-sill may be resorted to without departing from the spirit of the invention or sacrificing any of its advantages.

It will be obvious that as the window-opening is formed during the building of the wall the sill and cap are set in position during such wall formation, so that all liability of the sill or cap becoming loosened from the mortar, as in ordinary cases, is overcome, and such sill or cap will bear directly against such wall and so prevent the separation of such parts. It will also be apparent that the rain, water, &c., will run down and off the face of the sill, so preventing the entrance of the same in the wall under the sill, as in ordinary cases, and thereby overcoming all liability of the dampening of a building by their contact with and entering such wall, and at the same time preventing injury to such wall and unsightliness

thereof by the contact and entrance of the rain, water, snow, and dirt onto and into said wall at this point.

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

1. The combination with the wall of a building having an opening therein, of a sill fitting within said opening, and lips or projections on the end of said sill for engaging with said wall to hold said sill in place.

2. The combination with the wall of a building having an opening therein, of a sill fitting within said opening, and lips or projections on each end of said sill for inclosing said wall between them to hold said sill in place.

3. The combination with the wall of a building having an opening therein, of a sill fitting within said opening and supported by said wall, and a lip or flange extending below the bottom face and in line with the front face of said sill for preventing the entrance of water, dirt, &c., under said sill and into or onto said wall.

4. The combination with the wall of a building having an opening therein, of a sill fitting within said opening, lips or projections on the end of said sill for engaging with said wall to hold said sill in place, and a lip or flange extending below the bottom face and in line with the front face of said sill for preventing the entrance of water, dirt, &c., under said sill and into or onto said wall.

5. The combination with the wall of a building having an opening therein, of a sill fitting within said opening, lips or projections on each end of said sill for inclosing said wall between them to hold said sill in place, and a lip or flange extending below the bottom face and in line with the front face of said sill for preventing the entrance of water, dirt, &c., under said sill and into or onto said wall.

In testimony whereof I, the said CHARLES L. EDMONDS, have hereunto set my hand.

CHARLES L. EDMONDS.

Witnesses:
MOYNE KIDDY,
P. M. LONG.