

(No Model.)

J. C. ANDERSON.

BRICK FOR WINDOW SILLS, &c.

No. 346,701.

Patented Aug. 3, 1886.

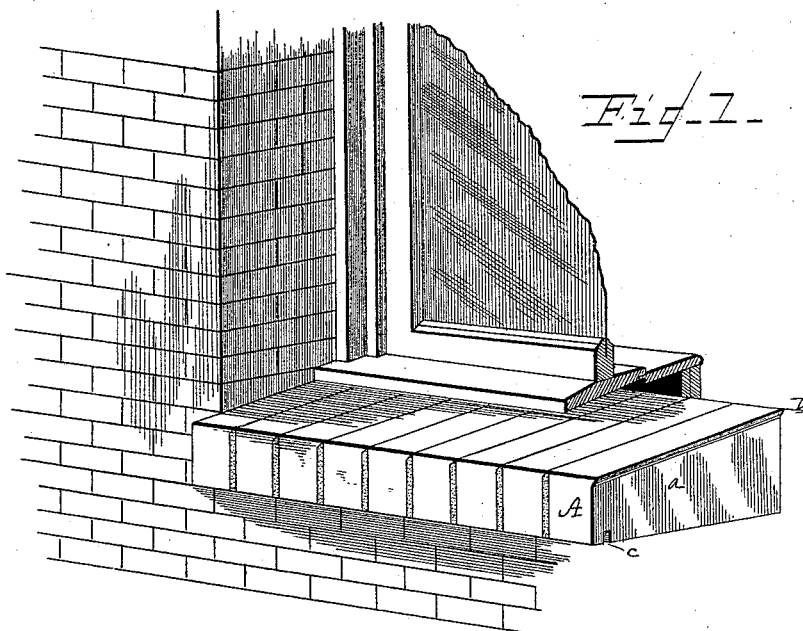


Fig. 2.

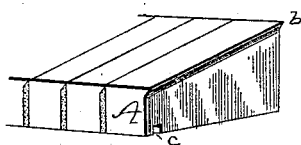


Fig. 3.



WITNESSES

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# UNITED STATES PATENT OFFICE.

JAMES C. ANDERSON, OF HIGHLAND PARK, ILLINOIS.

## BRICK FOR WINDOW-SILLS, &c.

SPECIFICATION forming part of Letters Patent No. 346,701, dated August 3, 1886.

Application filed January 4, 1886. Serial No. 187,571. (No model.)

*To all whom it may concern:*

Be it known that I, JAMES C. ANDERSON, a citizen of the United States, residing at Highland Park, in the county of Lake and State of Illinois, have invented certain new and useful Improvements in Bricks for Window-Sills, Copings, &c., of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to the manufacture of brick for window-sills, caps, copings, &c., the object of which is to provide a brick which will prevent the water from entering between the joints of the brick, and thus protect the wall from the injurious effects of moisture.

My invention consists in cutting away or recessing one side of the brick below the top thereof, so as to form a housing or pocket for the mortar, while at the same time the upper edges or corners of the brick can be brought close together to form a tight and impervious joint.

Referring to the drawings, Figure 1 is a view in perspective of a window with my improved brick applied as a sill. Fig. 2 is a view in perspective of a series of the brick arranged together. Fig. 3 is a sectional end view of the brick and mortar joint.

A indicates the main body of the brick, which may be of the form shown—*i. e.*, larger at one end than at the other, so as to give the proper slope or water-shed to the bricks if laid as a window-sill or as a coping, or as a cap for chimneys; but I do not confine myself to this particular form of brick, as my invention may be applied to the ordinary rectangular brick, and all brick where a vertical joint is necessary. One side of the brick is recessed throughout its entire length, as shown, at the top of the brick, being of full width, which leaves a sharp projecting portion, *b*, adapted to fit closely against the top of the adjacent brick, thus forming a tight joint between the two. The recess portion when placed in position forms with the adjacent brick a housing

for the mortar, and at the same time allows the upper edges of the brick to fit snugly together, and thus prevents the mortar from washing out of the vertical joints, which always occurs when vertical joints are exposed to the weather.

C is a groove or gutter, formed on the under side of the brick, which forms a stop for the drip-water and prevents it from being conducted into the main body of the wall.

Where the bricks are formed of dry clay and under enormous pressure, they are free from warps, curved or distorted edges, so that they will make a perfectly tight joint when properly placed in position.

In order to render these bricks impervious to moisture, the top side and drip-edge are covered with an enamel coating, and by this means I am enabled to supply a long-felt want—*viz.*, window-sills of brick which will not let the rain and moisture penetrate into the wall.

Brick window-sills and copings of walls are more desirable than stone, for the reason that where stone sills or copings are used in connection with a brick wall the stone disintegrates under the influences of heat and cold, and blears and blotches the face of the wall beneath; and, furthermore, it is highly desirable to have the window-sills and copings of the same material as the general structure, which adds beauty thereto.

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

A brick for window-sills, copings, &c., having one side recessed, as at *a*, the upper edge being flanged and of the full width of the brick, as at *b*, whereby the upper edges of the bricks can be laid close together and the mortar joint protected from rain, as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

J. C. ANDERSON.

Witnesses:

FRANK L. BLAKE,  
OSCAR RUNNGREW.