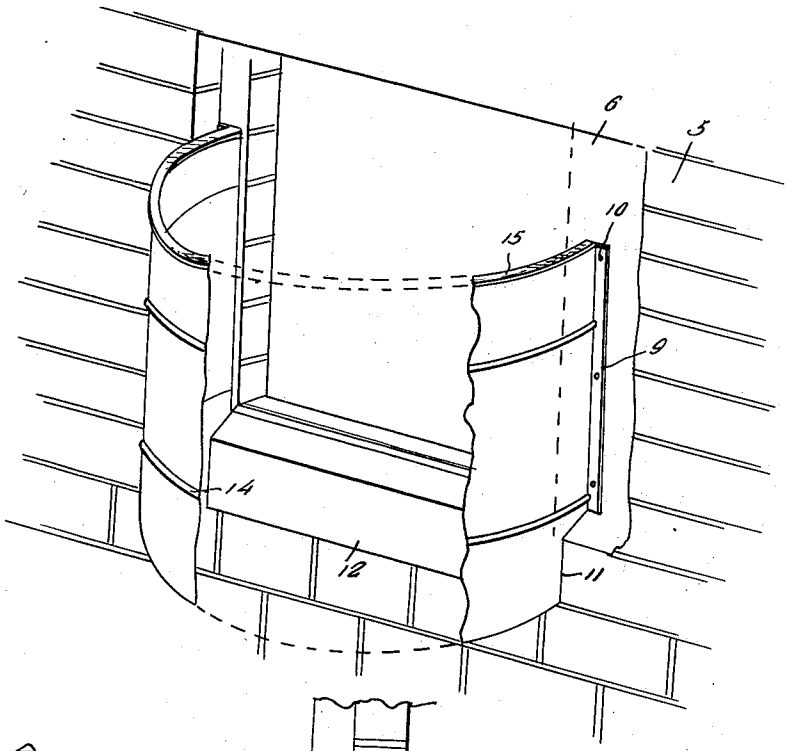
June 13, 1939. R. J. MARTIN 2,162,628

AREAWAY CONSTRUCTION

Filed Aug. 22, 1938

Fig. 1.



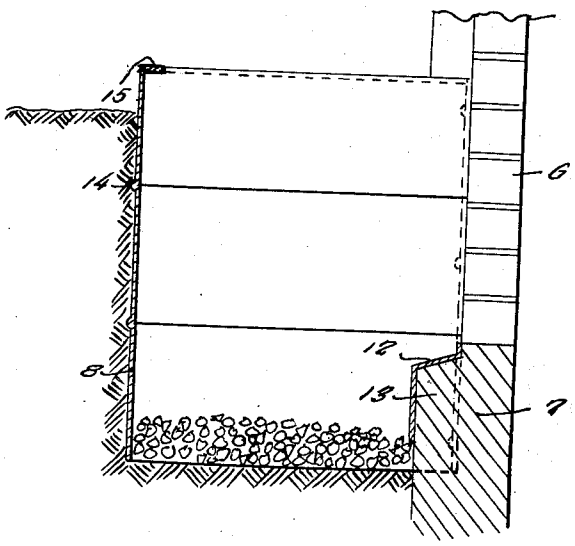


Fig. 2.

Inventor

R. J. Martin

By Clarence A. O'Brien and Hyman Berman,

Attorneys

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AREAWAY CONSTRUCTION

Raymond J. Martin, White Plains, N. Y.

Application August 22, 1938, Serial No. 226,203

1 Claim. (Cl. 189—1)

The present invention relates to an areaway construction in connection with building operations where windows are provided below grade.

An object of the present invention is to provide a metallic retaining wall for the earth adjacent the window which is adapted to be secured to the window frame during the construction of the building and which is supported by the building.

At the present time the walls of an area or sunken court are built of masonry, usually of poured concrete or hollow building blocks or bricks and due to the construction of the building the earth surrounding the area walls is filled ground and since the masonry or similar retaining wall rests upon such filled ground, the settling of the ground usually causes cracks to occur in the retaining walls, thus causing leakage at the junction of the masonry and the foundation of the building.

An object of the present invention is to overcome the objectionable features referred to above and at the same time to provide an area retaining wall which may be cheaply constructed, which is water-tight and less subject to depreciation from settlement and other conditions to which exposed building construction is usually subjected.

Other objects and advantages reside in the details of construction as more fully hereinafter described and claimed, reference being had to the accompanying drawing forming part thereof, wherein like numerals refer to like parts throughout, and in which—

Figure 1 is a perspective view showing the metal retaining wall for the area in position on the window frame, and

Figure 2 is a vertical sectional view thereof.

Referring now to the drawing in detail, the numeral 5 designates a wall of a building within which a window frame 6 is positioned, said frame being adjacent the foundation wall 7.

The area retaining wall is indicated at 8 which is formed of sheet metal and preferably of circular shape and positioned in an upright manner outwardly of the window. The edges of the metal walls are bent outwardly to provide attaching flanges 9 which are secured to the outer surface of the frame 6 by bolts, screws or the like 10. The lower portion of the attached edge of the retaining wall is cut away as shown at 11 to conformably fit to the slope of the foundation wall 7.

A metallic apron 12 may also be fitted over the outer surface of the sill 13 of the window.

The outer surface of the area retaining wall 8 may be provided with horizontally extending beads 14 to reinforce the same and the upper edge of the retaining wall may be flanged as shown at 15 or crimped or otherwise finished.

Because of the semi-circular shape of the metal retaining wall the same will fit any average width of basement window.

Also the cut away portion to accommodate the sill or slope of the foundation wall can be made at any desired vertical point to suit conditions.

The sheet metal forming the retaining wall may be painted or the same may be constructed of porcelain enamel or other suitable material.

It is believed the details of construction and manner of use of the device will be readily understood from the foregoing without further detailed explanation.

Having thus described the invention, what I claim is—

In an areaway construction for the windows of buildings, a semi-circular metallic retaining wall having its edge portions secured to the opposite side of the window frame, said edge portions at the bottom thereof being cut away to conformably fit over the window sill to position the lower edge of the retaining wall at a plane below the window and a metallic apron covering the window sill between the edges of the retaining wall.

RAYMOND J. MARTIN.