

A. W. BEIDLER.  
BUILDING WALL.  
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945,439.

Patented Jan. 4, 1910.

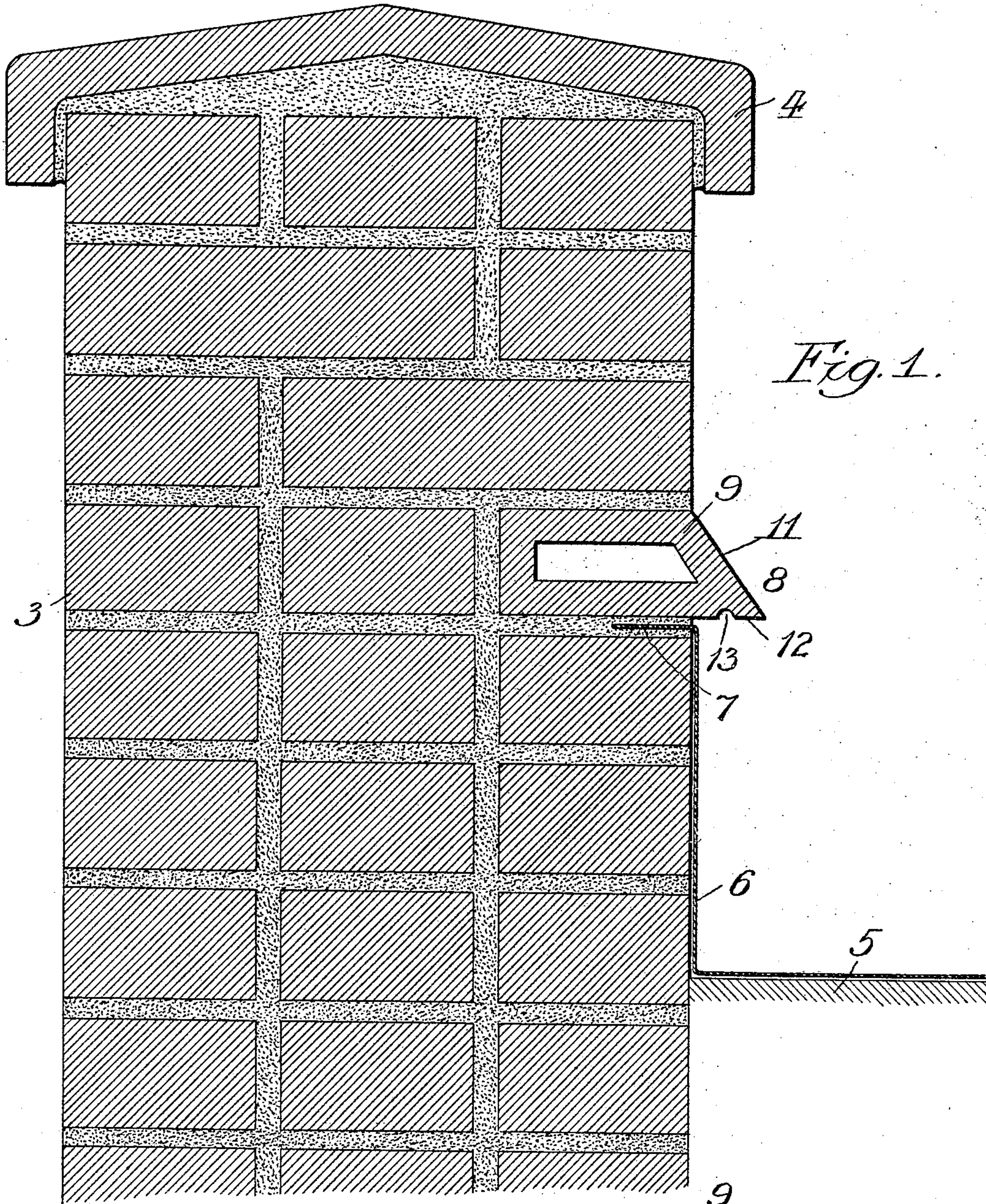
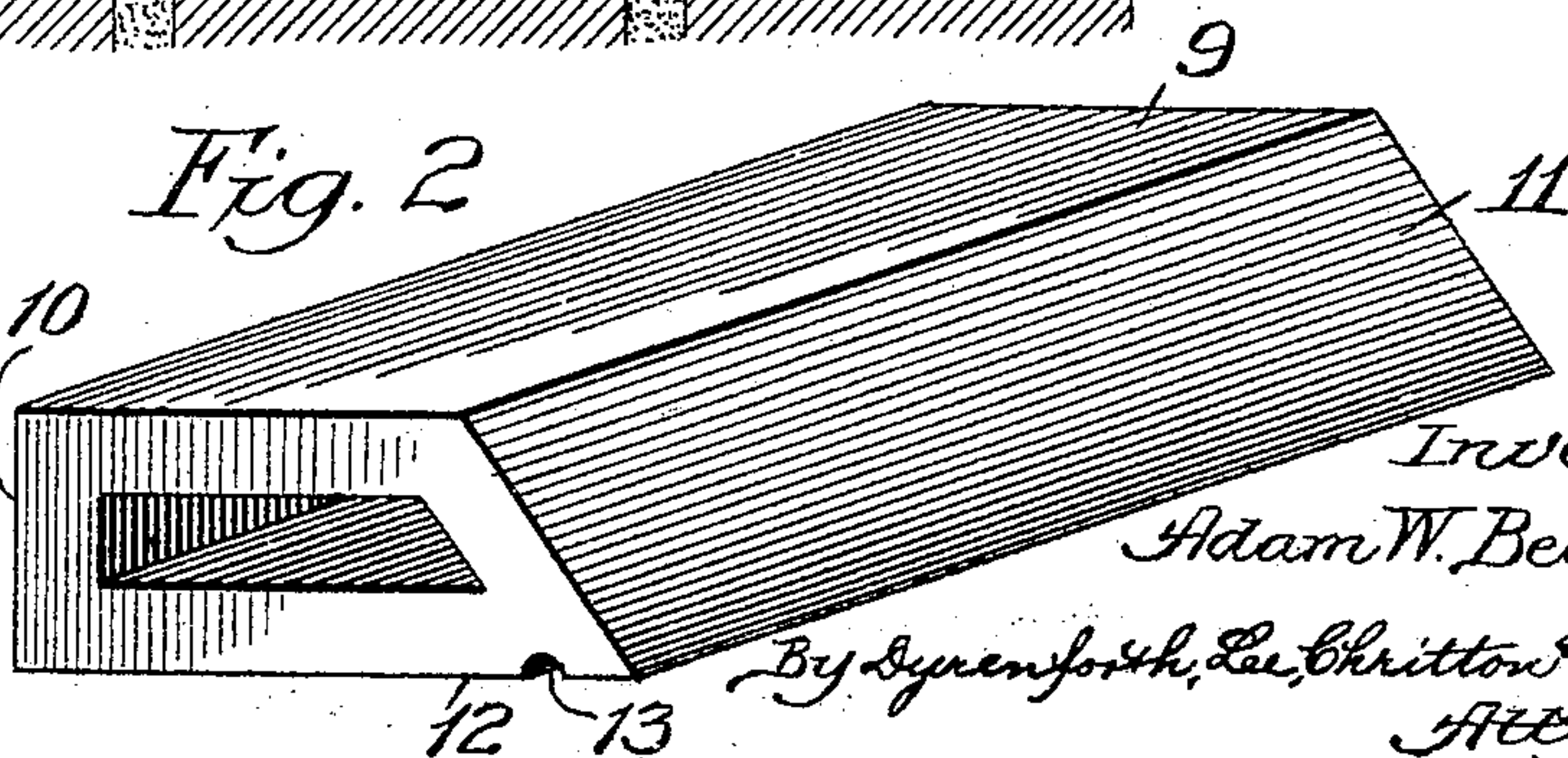


Fig. 1.

Fig. 2

Witnesses:  
John Enders  
Chas. H. Bull



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# UNITED STATES PATENT OFFICE.

ADAM W. BEIDLER, OF CHICAGO, ILLINOIS.

## BUILDING-WALL.

945,439.

Specification of Letters Patent.

Patented Jan. 4, 1910.

Application filed September 1, 1909. Serial No. 515,592.

*To all whom it may concern:*

Be it known that I, ADAM W. BEIDLER, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Building-Walls, of which the following is a specification.

This invention relates to improvements in the construction of the outer walls of buildings, and more especially the parapet-portions of brick walls.

My object is to equip such walls with water-sheds formed of blocks of improved construction, to operate more especially as a means for preventing water from entering between the roof-flashing and parapet.

In the accompanying drawing—Figure 1 shows the parapet-portion of a building-wall provided with my improvement; and Fig. 2, a perspective view of a block of the construction I prefer.

The parapet portion 3 of the wall of a building is surmounted by the usual coping 4 and overlying the building roof 5 is a roof-flashing 6, the upper edge portion 7 of which is embedded in the mortar above a course of bricks in the inner face of the parapet.

8 is a water-shed consisting of a course of blocks 9. I prefer to construct the blocks with a top face of the dimensions of a building brick, and a rear face 10 of approximately the thickness of a building brick. The block may be of concrete, burnt clay vitrified or any other suitable material, and may be either solid or hollow, as shown. The block is formed with a downwardly-inclined water-shedding face 11 terminating at a projecting end surface 12 formed with a longitudinally extending drip-groove 13. I do not wish to be limited to the proportions named. In Fig. 1 the blocks 9 take the place of one course of brick beneath which the end 7 of the flashing is embedded. The upper edge of the face 11 is in the vertical plane of the inner face of the parapet and the projecting lower part of the water-shed, formed by the blocks, projects sufficiently beyond the flashing to protect the same, as desired, and cause the water-drip groove 13 to extend a desired distance from the vertical face of the flashing.

While I prefer to construct my improvements as shown and described, they may be variously modified without departing from the spirit of my invention as defined by the claims.

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

1. The combination with the parapet-portion of a building-wall and a flashing extending partway up said parapet, of a water-shed extending above the upper edge of said flashing comprising a course of blocks set into said parapet and having a downward-inclined outer face projecting over said flashing.

2. The combination with the parapet-portion of a building-wall and a flashing extending partway up said parapet, of a water-shed extending above the upper edge of said flashing comprising a course of blocks set into said parapet and having a downward-inclined outer face terminating at a horizontal under face projecting over the flashing and provided with a drip-groove beyond the flashing.

3. The combination with the brick parapet-portion of a building-wall and a flashing extending partway up said parapet, of a water-shed extending above the upper edge of said flashing comprising a course of blocks of approximately the size of the building bricks and set as a course of the bricks in the inner face of the parapet, each block being formed with a downward-inclined face projecting beyond the face of the parapet wall and terminating in a projecting horizontal end face, the said end face being provided with a recess forming a water-drip.

4. The combination with a parapet wall of a building composed of a series of courses of blocks laid in a plastic medium, of a flashing extending partway up said wall, the course of blocks immediately above the end of the flashing extending beyond the vertical plane of the wall to overhang the flashing, and the flashing being turned in at its upper end under said course of blocks and embedded in the plastic medium.

5. The combination with a parapet wall of a building composed of a series of courses of blocks laid in a plastic medium, of a flashing extending partway up said wall, the course of blocks immediately above the end of the flashing having downwardly inclined outer faces extending beyond the vertical plane of the wall to overhang the flashing, and the flashing being turned in at its upper end under said course of blocks and embedded in the plastic medium.

6. The combination with a parapet wall of a building composed of a series of courses

of blocks laid in a plastic medium, of a  
flashing extending partway up said wall, the  
course of blocks immediately beyond the end  
of the flashing having downwardly inclined  
5 outer faces, and means adjacent said face  
forming a water drip, said course of blocks  
extending beyond the vertical plane of the  
wall to overhang the flashing, and the flash-

ing being turned in at its upper end under  
said course of blocks and embedded in the 10  
plastic medium.

ADAM W. BEIDLER.

In presence of—

J. G. ANDERSON,

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