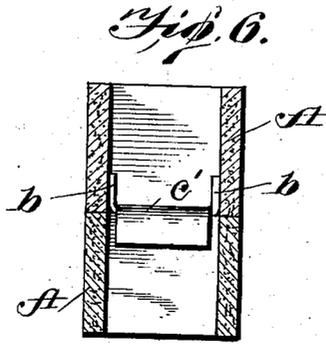
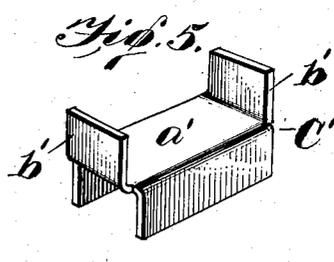
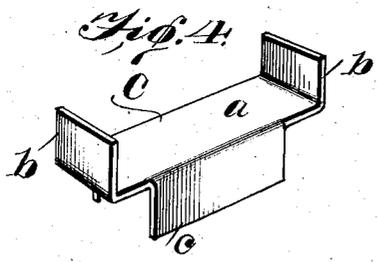
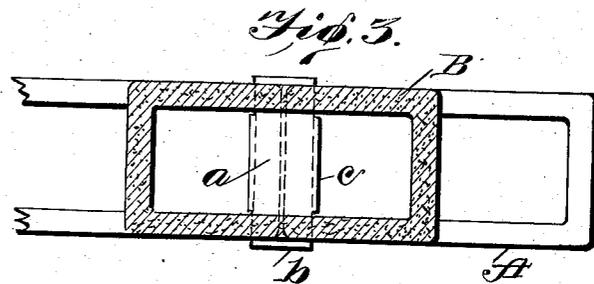
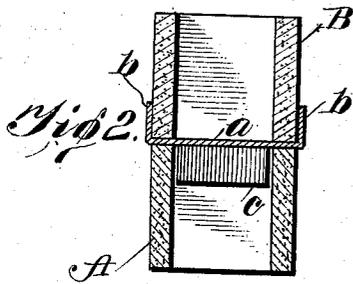
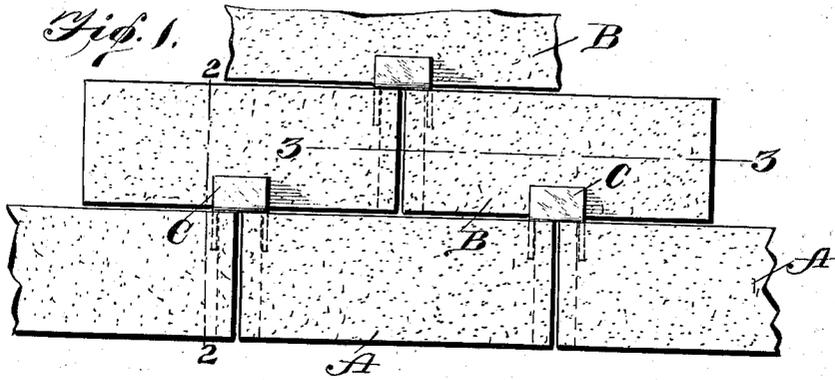


No. 855,048.

PATENTED MAY 28, 1907.

W. CURLETT.  
BUILDING WALL.  
APPLICATION FILED SEPT. 26, 1906.



Witnesses  
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# UNITED STATES PATENT OFFICE.

WILLIAM CURLETT, OF SAN FRANCISCO, CALIFORNIA.

## BUILDING-WALL.

No. 855,048.

Specification of Letters Patent.

Patented May 28, 1907.

Application filed September 26, 1906. Serial No. 336,361.

*To all whom it may concern:*

Be it known that I, WILLIAM CURLETT, a citizen of the United States, residing at San Francisco, in the county of San Francisco and State of California, have invented new and useful Improvements in Building-Walls, of which the following is a specification.

My invention pertains to walls of hollow building-blocks; and it contemplates the provision in such a wall of simple, inexpensive, and easily applied means for strongly connecting the meeting ends of two blocks together and at the same time holding the intermediate portion of a superposed block to and in vertical alinement with the lower blocks.

With the foregoing in mind, the invention will be fully understood from the following description and claims when the same are read in connection with the accompanying drawings, forming part of this specification, in which:

Figure 1 is a side elevation illustrating the clip comprised in my invention as connecting the meeting ends of two blocks, and holding the center of a block arranged over the joint between the lower blocks. Fig. 2 is a transverse section taken in the plane indicated by the line 2—2 of Fig. 1. Fig. 3 is a horizontal section taken in a plane above the clip. Fig. 4 is a perspective view of the clip removed. Fig. 5 is a perspective view of a modified clip. Fig. 6 is a transverse section showing the modified clip in use.

Referring by letter to the said drawings, and more particularly to Figs. 1 to 4 thereof: A A are hollow building blocks or tiles arranged end to end, Fig. 1. B is a similar hollow block or tile arranged with its intermediate portion above the joint between the lower blocks or tiles, and C is my novel clip for connecting the meeting ends of the lower blocks together and holding the upper block above the joint between the lower blocks. The said clip C is preferably, though not necessarily, formed in any approved way of sheet-metal; and it comprises a flat body *a*, flanges *b* reaching upward at right angles from the ends of said body, and flanges *c* reaching downward at right angles from the intermediate portions of the longitudinal edges of body *a*.

In the practice of my invention, the blocks A are arranged end to end as shown, and the clip C is placed over the meeting end portions

of the blocks so that the body *a* rests on said end portions while the depending flanges *c* rest snug against the inner sides of the end portions, this to tightly and strongly hold the ends of the blocks together. The upper block B is then positioned so that its intermediate portion rests over the body *a* of the clip, and above the joint between the lower blocks, and snugly between the upwardly extending flanges *b* of the clip, when, as will be readily apparent, the upper block will be strongly held in alinement with the lower block and against casual lateral displacement in either direction. This operation is continued throughout the building of the wall; and it will be appreciated that not only are the clips C adapted to be quickly and easily placed in position, but are calculated to facilitate the placing of the intermediate portions of the upper blocks over the joints between the blocks on which the upper blocks are superposed. It will also be appreciated that by connecting the meeting ends of the lower blocks together and holding the intermediate portions of the upper blocks, the clips C contribute materially to the strength and durability of the wall.

The modified clip C' shown in Figs. 5 and 6, comprises a flat body *a'*, upwardly directed, right angle flanges *b'* at the ends of the body, and depending right angle flanges *c'* on the longitudinal edges of the body. It will be noticed, however, that the ends of the flanges *c'* rest in the same vertical planes as the end flanges *b'*, and from this it follows that while the flanges *c'* will connect the end portions of two lower blocks A together in the same manner as the flanges *c* of the clip C, the end flanges *b'* will hold the intermediate portion of the superposed block B by bearing snug against the inner sides of the side walls of said block.

It will be gathered from the foregoing that while it is more expedient to form the clips C and C' of sheet-metal, yet said clips may be made of any other material compatible with my invention without involving departure from the scope thereof.

The constructions herein shown and described constitute the preferred embodiments of my invention, but I desire it understood that in practice such changes in the form, construction, and relative arrangement of parts may be made as fairly fall within the scope of my invention as claimed.

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

1. A wall comprising lower, hollow blocks  
5 arranged end to end, an upper block super-  
posed on the lower blocks, and a clip having  
a flat body resting on the adjacent end walls  
of the lower blocks and between the upper  
10 edges of said end walls and the upper block,  
arms reaching downward at right angles from  
the body and arranged at the inner sides of  
the adjacent end walls of the lower blocks to  
hold said blocks together or against endwise  
15 movement away from each other, an arm  
reaching upward at a right angle from one  
end of the flat body and opposed to one side  
of the upper block, and an arm reaching up-  
ward at a right angle from the opposite end  
20 of the flat body and opposed to the opposite  
side of the upper block; said upwardly reach-  
ing arms being adapted to hold the upper  
block against lateral displacement.

2. A wall comprising lower, hollow blocks  
arranged end to end, an upper, hollow block  
25 arranged with its intermediate portion above  
the meeting ends of the lower blocks, and a

clip arranged entirely between the vertical  
planes of the outer sides of the blocks and  
having a flat body resting on the adjacent  
end walls of the lower blocks and between the  
30 upper edges of said end walls and the upper  
block, arms reaching downward at right an-  
gles from the body and arranged at the inner  
sides of the adjacent end walls of the lower  
blocks to hold said blocks together or against  
35 endwise movement away from each other, an  
arm reaching upward at a right angle from  
one end of the flat body and opposed to the  
inner side of one side wall of the upper block,  
and an arm reaching upward at a right angle  
40 from the opposite end of the flat body and  
opposed to the inner side of the opposite side  
wall of the upper block, for the purpose set  
forth.

In testimony whereof I have hereunto set  
45 my hand in presence of two subscribing wit-  
nesses.

WILLIAM CURLETT.

Witnesses:

C. A. CURLETT,  
E. A. CURLETT.