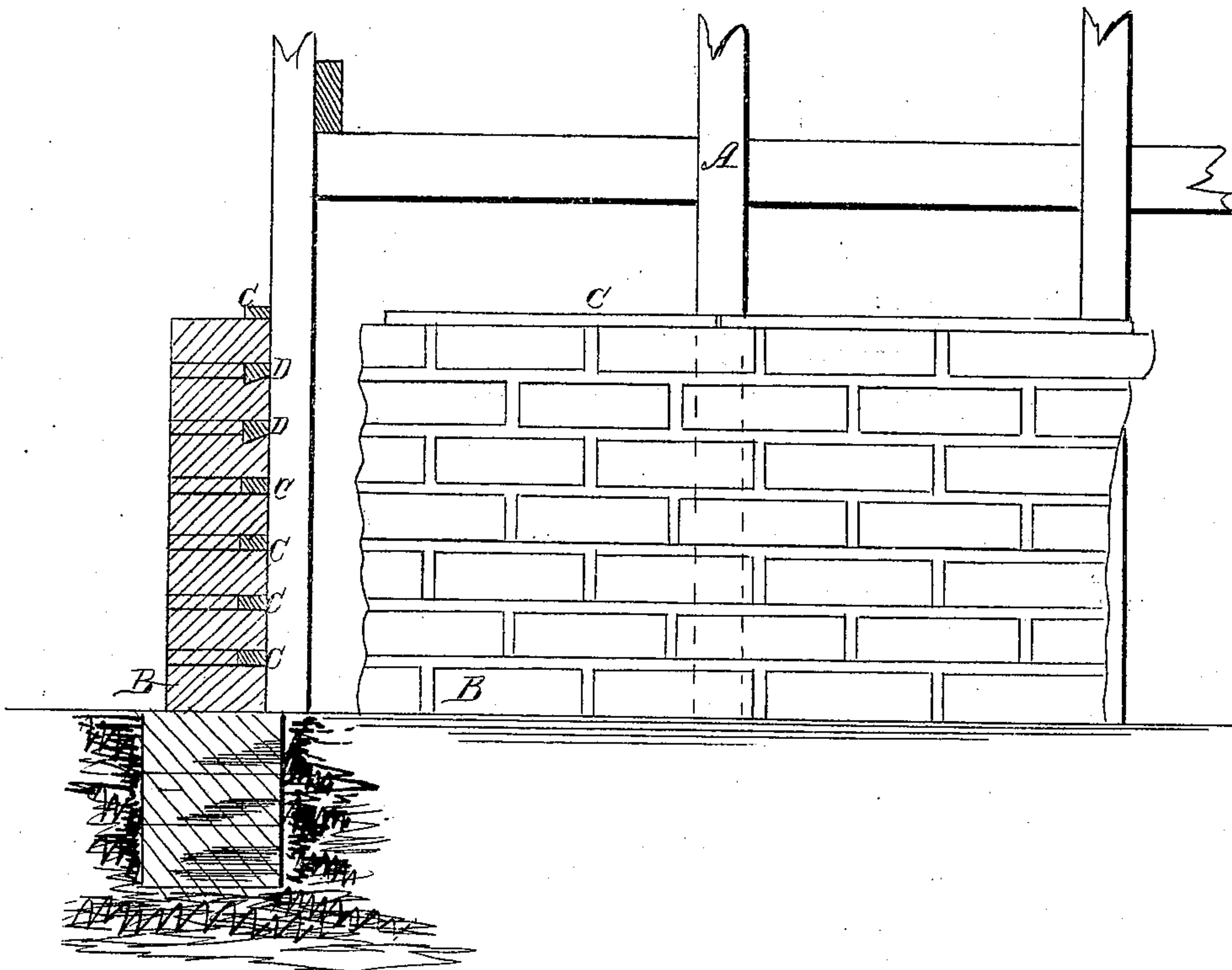


*J. Potts.*

*Construction of Buildings.*

*No. 93227.*

*Patented Aug. 3, 1869.*



**Witnesses:**

*Chas. Nida*  
*Geo. W. Mabie*

**Inventor:**

*Joseph Potts.*

**PER**

*[Signature]*

**Attorneys.**

# United States Patent Office.

JOSEPH POTTS, OF HARRISBURG, PENNSYLVANIA.

*Letters Patent No. 93,227, dated August 3, 1869.*

## IMPROVEMENT IN BUILDINGS.

The Schedule referred to in these Letters Patent and making part of the same.

### *To all whom it may concern:*

Be it known that I, JOSEPH POTTS, of Harrisburg, in the county of Dauphin, and State of Pennsylvania, have invented a new and useful Improvement in the Construction of Buildings; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing, forming part of this specification.

This invention relates to improvements in the construction of buildings, intended to provide a combined arrangement of brick and wood walls and framing, calculated to so strengthen the brick portion thereof as to produce walls of the desired strength with fewer bricks than as now constructed.

The drawing represents a partial elevation and section of a wall constructed according to my improvement.

First, I construct a wood frame, A, of light material, as for weather-boarding, setting the studding on the inner edge of the foundation walls. I then take ordinary bricks, laying them flat, if for a four-inch wall, or edgewise, making a two-inch wall, laying them with mortar, as in the usual way, as represented at B.

Upon the top of each course, after the mortar has been spread on, I lay common lath, as represented at

C, against the studs, bedding them into the mortar, and nailing them diagonally to the posts.

In this way I am enabled to bind the brick firmly to the studs, and produce a brick wall of equal strength with those now made, with less thickness of material, and consequently cheaper.

It is also equally as safe against fire from the outside.

To make the wall more secure, I propose, in some cases, as for the fronts of houses, to form dovetailed rebates in the bricks at one corner, longitudinally, and make the strips with angular sides to fit therein, and more firmly lock the bricks to the studding, as shown at D. In this manner, I may use quite thick and strong strips, and yet lay the bricks closely together.

Having thus described my invention,

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

In the construction of buildings, laying up the bricks B upon the side of the wooden frame A, with the laths C or D embedded in the mortar between each course, and nailed to the frame, as herein shown and described, for the purpose specified.

JOSEPH POTTS.

Witnesses:

WILLIAM C. POTTS,  
ANDREW B. POTTS.