A. DERROM.

Improvement in Building Block and method of forming the same.

No. 123,156. Patented Jan. 30, 1872.

Fig. 1.

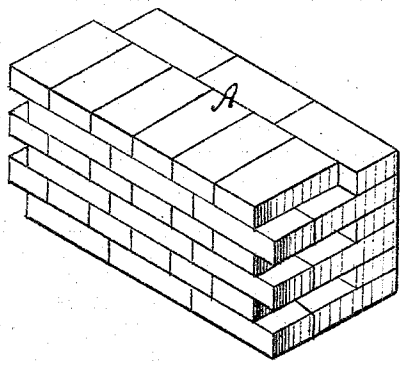


Fig. 2.

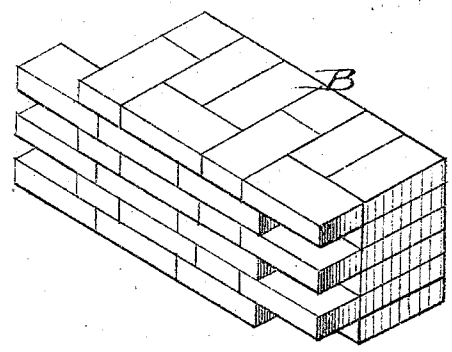


Fig. 3.

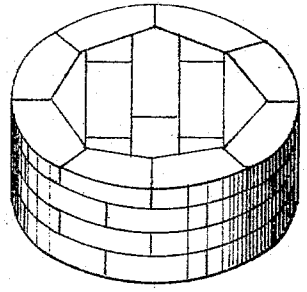
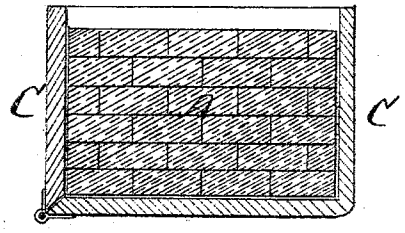


Fig. 4.



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UNITED STATES PATENT OFFICE.

ANDREW DERROM, OF PATERSON, NEW JERSEY.

IMPROVEMENT IN BUILDING-BLOCKS AND METHODS OF FORMING THE SAME.

Specification forming part of Letters Patent No. 123,156, dated January 30, 1872.

Specification describing a new and Improved Building Material and method of forming the same, invented by ANDREW DERROM, of Paterson, in the county of Passaic and State of New Jersey.

Figures 1, 2, and 3 are perspective views of blocks of building material formed on my improved plan. Fig. 4 is a transverse section of same in the forming-mold or box.

Similar letters of reference indicate corresponding parts.

This invention relates to a new manner of forming brick for practical building purposes; and has for its object to facilitate their transportation and handling and to increase the strength of walls erected from the same. The invention consists pricipally in forming blocks from a number of bricks, within molds or boxes, in such fashion that they (the blocks) will form sections of walls with interlocking joints.

Thus the blocks A and B, shown in Figs. 1 and 2, are formed, as new articles of manufacture, of a suitable number of bricks, which are held together by means of cement or other adhesive substance. I propose to form such blocks in molds or boxes, C, Fig. 4, which are of the requisite prescribed size. The chief advantage of this system is that children, women, and unskilled men can be employed in forming these blocks, and in thus performing what is at present the most costly part of house-building. In leaving the bricks to project at the ends of the blocks, as in Figs. 1 and 2, the blocks will be made to interlock when put together, and to thereby increase the firmness of structure and the ease of joining the blocks.

For certain purposes—as, for example, in the formation of pillars, &c.—the blocks may be made without interlocking projections. (See Fig. 3.) Another advantage of thus forming the blocks preparatory to building is that ornamental bricks may be baked on the blocks by subjecting the same to heat. This will permit the application of all—even the most artistic kinds of ornaments—to the faces of brick structures. Blocks thus formed, with or without ornaments, can, in building, be placed so as to project one beyond the face of another, thus relieving the tiresome monotony of the modern plain brick building-fronts.

Having thus described my invention, I claim as new and desire to secure by Letters Patent, as a new article of manufacture—

1. The brick blocks A B, made by collecting bricks and leaving projections for interlocking, as set forth.

2. The method herein described of forming the blocks of collected bricks in molds or boxes, as set forth.

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