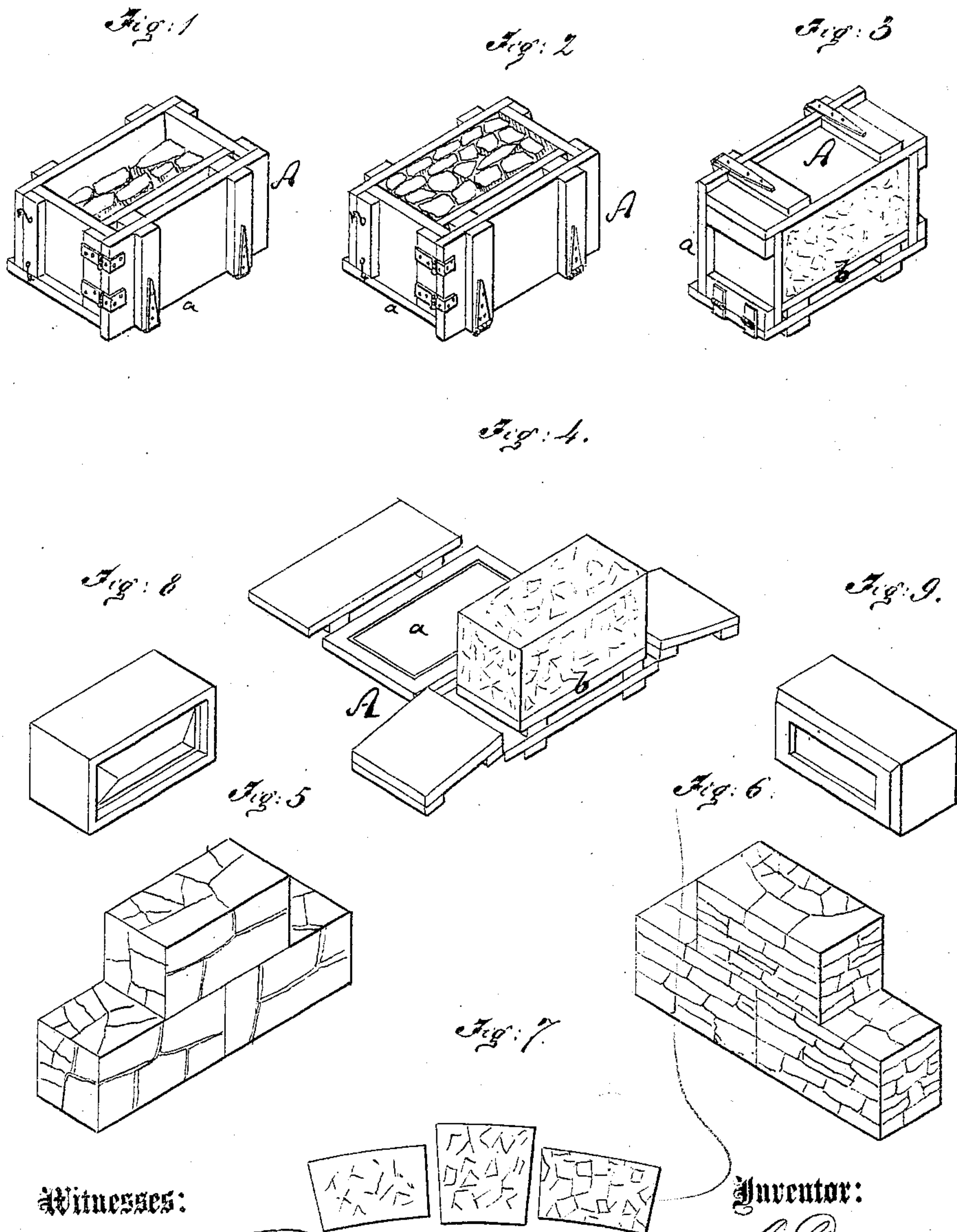


A. DERROM.

Molds for Forming Building-Blocks.

No. 139,050.

Patented May 20, 1873



Witnesses:

Chas. Nida.  
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# UNITED STATES PATENT OFFICE.

ANDREW DERROM, OF PATERSON, NEW JERSEY.

## IMPROVEMENT IN MOLDS FOR FORMING BUILDING-BLOCKS.

Specification forming part of Letters Patent No. **139,050**, dated May 20, 1873; application filed January 6, 1873.

*To all whom it may concern:*

Be it known that I, ANDREW DERROM, of Paterson, in the county of Passaic and State of New Jersey, have invented a new and Improved Brick-Mold; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing forming a part of this specification.

The invention consists in an improved construction of a concrete or brick mold, as herein-after fully described and pointed out in the claim.

In the accompanying drawing, Figure 1 represents a perspective view of the mold or box partly filled with stone; Fig. 2, a similar view of the mold or box entirely filled with stone; Fig. 3, a perspective view of the same after liquid cement has been poured in and set, turned upon its side so as to bring the false bottom below the block. Fig. 4 is a perspective view of the mold or box opened for the removal of the block. Fig. 5 is a perspective view of blocks, the faces of which are laid in rough rubble; Fig. 6, a perspective view of blocks the faces of which are laid in coursed rubble; Fig. 7, a face view of blocks of concrete for arches. Figs. 8 and 9 are perspective views of cement-faced blocks.

To form the blocks, I take a mold or box, A, of the proper size and shape, constructed as shown in the drawing, with the sides hinged

together so as to allow the box to be thrown entirely open, as in Fig. 4. When the box is in use, the sides are held in place by hooks, staples, or other fastenings. The side *a* upon which the box rests, as shown in Figs. 1 and 2, will form the face of the block. Next to one of the other sides I place a false bottom, *b*, by which to remove the block from the mold until it is hardened. After locking the sides of the box together, I place a layer of stone in the box, and pour liquid cement in until all the crevices between the stones are filled. I then put in another layer of stone or brick, pour in more cement, and proceed in this way until the box is filled. The cement will set sufficiently in a few minutes to allow the box to be turned so as to bring the false bottom down, when the fastenings may be loosened and the sides turned down, as in Fig. 4. The block may then be removed by means of and on the false bottom, and set away to dry, while the box is ready to be used again.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The face-piece *a* and false bottom *b*, combined with the hinged sides, constructed as shown and specified, for the purpose described.

ANDREW DERROM.

Witnesses:

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