(No Model.)

E. B. CARTER.

BRICK MOLD.

No. 408,213. Patented Aug. 6, 1889.

Fig. 1.

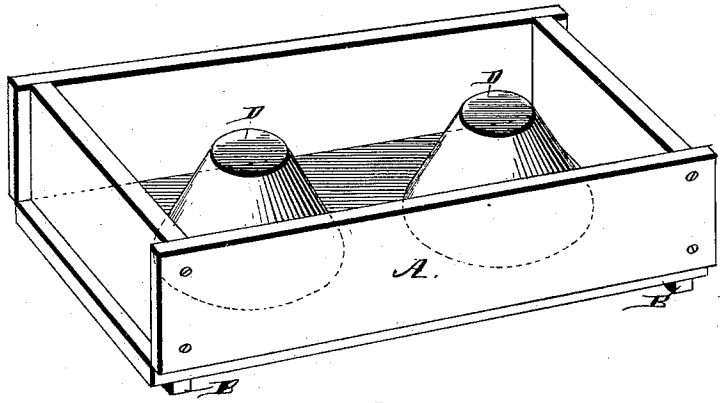
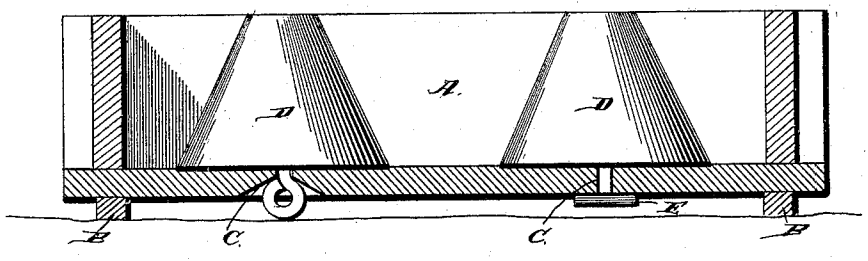


Fig. 2.



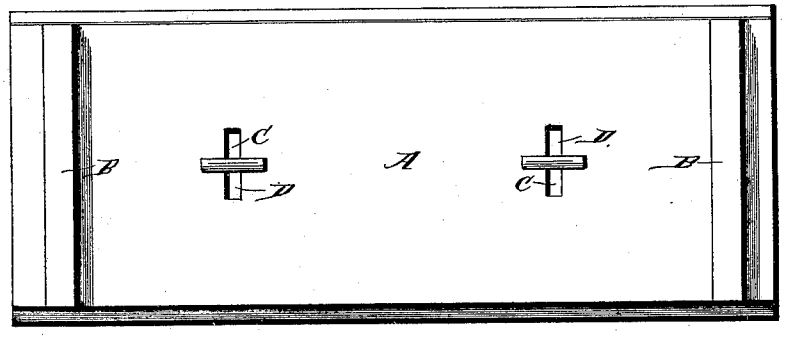


Fig. 3.

Witnesses
Geo. J. Brooke.
J. H. Figgers.

Inventor
Edward B. Carter.

By their Attorneys
C. A. Snow & Co.

N. PETERS. Photo-Lithographer, Washington, D. C.

UNITED STATES PATENT OFFICE.

EDWARD BRUCE CARTER, OF HUNTSVILLE, ALABAMA.

BRICK-MOLD.

SPECIFICATION forming part of Letters Patent No. 408,213, dated August 6, 1889.

Application filed April 19, 1888. Serial No. 271,127. (No model.)

To all whom it may concern:

Be it known that I, EDWARD BRUCE CARTER, a citizen of the United States, residing at Huntsville, in the county of Madison and State of Alabama, have invented new and useful Improvements in Brick-Molds, of which the following is a specification.

My invention relates to improvements in brick-molds; and it consists in certain novel features hereinafter described and claimed.

In the accompanying drawings, Figure 1 is a perspective view of my improved mold. Fig. 2 is a longitudinal vertical section, and Fig. 3 is a bottom plan view of the same.

Referring to the drawings by letter, A designates a brick-mold of the usual dimensions, having the transverse cleats B on its under side near its ends. The bottom of the mold is also provided with the slots C, which are arranged at equal distances from the ends of the mold and also equidistant from the sides thereof.

D D designate two frusto-conical blocks, which are provided in their bases or larger ends with the T-shaped studs E, as shown. These studs are inserted through the slots in the bottom of the mold, and the blocks are then each given a quarter-turn, so as to cause the heads of the studs to engage under the bottom of the mold. These studs may be formed in any desired manner, either integrally with the blocks or else separate therefrom and secured thereto.

In Fig. 2, at the left, I have shown a screw-eye inserted into the bottom of the block, the eye of the screw serving as the head of the stud. In this form of the device the under side of the bottom of the mold is beveled around the slot to accommodate the screw-eye.

From the foregoing description it will be seen that I have provided a very cheap and simple mold in which either a solid or a partly-hollow brick may be formed. When the blocks are in the mold and the material placed therein, a brick will be formed having conical openings in its body near its ends and equidistant from its sides, ends, and center. This brick will be found to be advantageous when it is desired to build a wall having air-passages. When it is desired to make solid bricks, the conical blocks are removed from the mold, as will be readily understood, and small blocks are placed in the slots in the bottom of the mold, to fill the same and prevent the material placed in the mold falling through said slots. The mold is then filled, and when the material dries a solid brick will be formed. The cleats on the bottom of the mold serve to support the same at a proper height to allow the studs to turn. They also take the weight of the mold off the studs. Without these cleats the mold would rest on the studs, and by manipulating the mold the studs would doubtless be turned to loosen the blocks.

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

1. A convertible brick-mold, comprising an ordinary mold having conical blocks removably secured to its bottom, as set forth.

2. The combination of the mold having slots in its bottom, and the conical blocks having T-shaped studs on their bottoms, adapted to be inserted through said slots and engage the edges of the same, as set forth.

3. The combination of the mold, the conical blocks removably secured therein, and the cleats secured to the bottom of the mold, as set forth.

4. The combination of the mold having slots in its bottom, the cleats secured to the under side of the bottom near the ends of the same, and the frusto-conical blocks having studs in their bases adapted to pass through the slots in the bottom of the mold and engage the edges of the said slots, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of witnesses.

EDWARD BRUCE CARTER.

Witnesses:

R. J. MARSHALL, Jr.,
J. H. SIGGERS,
JNO. W. MCALLISTER,
TOM WADE.