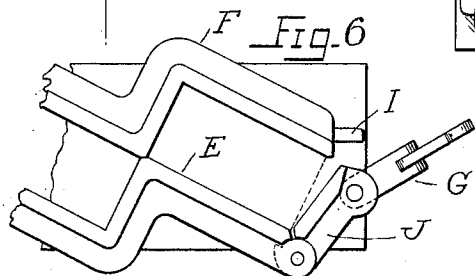
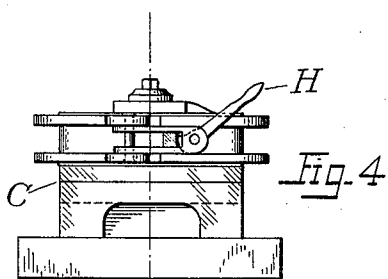
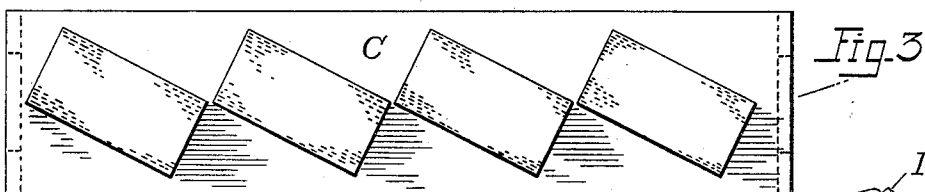
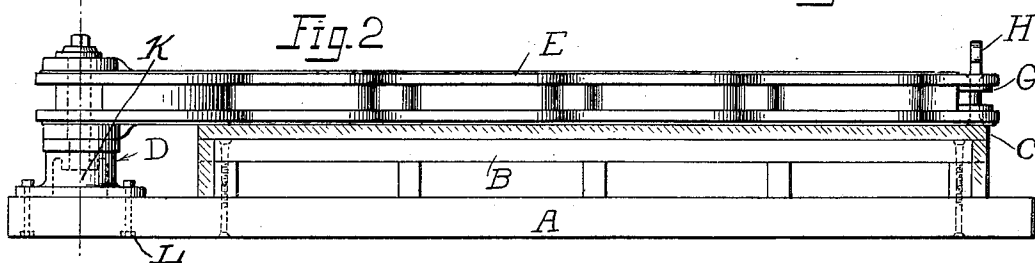
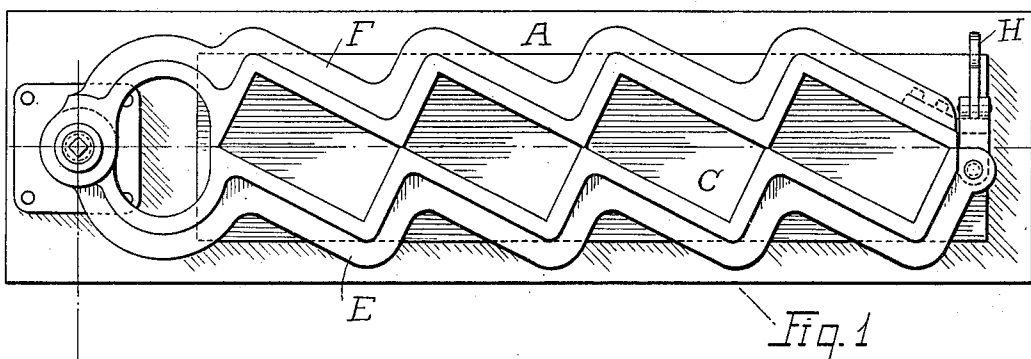


No. 828,727.

PATENTED AUG. 14, 1906.

E. A. ENOS.
BRICK MOLDING MACHINE.
APPLICATION FILED AUG. 28, 1905.



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BRICK-MOLDING MACHINE.

No. 828,727.

Specification of Letters Patent.

Patented Aug. 14, 1906.

Application filed August 28, 1905. Serial No. 276,151.

To all whom it may concern:

Be it known that I, EDWARD A. ENOS, a citizen of the United States of America, residing at East Connersville, Fayette county, Indiana, have invented a new and useful Multiple Brick-Molding Machine, of which the following is a specification.

My invention relates to improvements in brick-molding machines in which are used two sides with reëntrant angles, said sides being each hinged at one end thereof and of such a shape that when closed they form rectangular recesses for the reception of the material from which the bricks are molded. When the sides are swung open, the pallet-board with the bricks thereon can be readily removed. I attain these objects by the apparatus illustrated in the accompanying drawings, in which—

Figure 1 is a plan view of the machine with the bars closed and latched ready for the introduction of the cement or brick composition. Fig. 2 is a side view of same in same relative position. Fig. 3 is a top view of pallet or mold board after removal from the machine, showing the freshly-molded bricks in position relative to the peculiar parting of mold side bars at geometrically opposite corners. Fig. 4 is an end elevation of the machine. Fig. 5 is a plan view, on a smaller scale, showing the mold-bars swung outward; and Fig. 6 is a plan view of a part of the machine, showing a modified form thereof.

A represents the bottom board, and B the follow-board, supported by blocks on the board A. On the follow-board B rests the pallet or drying board C.

D represents the pivot-pin for the side mold-bars, which is held in a base-piece K, which is secured by screws L to the base-board A. On this pin D are mounted the side mold-bars E and F, each of which is provided with a perforated lug engaging said pin. Each of these mold-bars is provided with a series of reëntrant angles, each angle forming two sides of a mold, the other two sides being formed by a similarly-arranged angle on the other bar. These angles are so arranged that each bar can be easily swung outward and not touch the molded articles in its swing and also so that they may be swung

clear of the pallet C, permitting the easy removal of the latter with the molded articles upon it. This operation is clearly shown in Fig. 5, as before stated. The clevis cam-latch G, Fig. 2, is pivotally hung in suitable extensions or lugs at the extremity of the mold side bar, and upon bringing together the said mold side bars the link or clevis can be closed over a suitable lug or extension I on conjugate side bar, and by the manipulation of the cam-ended lever H, eccentrically journaled in the link G, sufficient pressure can be brought upon the extension I to hold the mold side bars firmly together.

Any special surface can be reproduced—such as rough or stone faced brick—by properly indenting the inner faces of the mold side bars E and F. Same are, however, shown plain or smooth for the sake of clearness. When the rough or stone face is required on the short side or end of brick, means for releasing same in conjunction with the outwardly-swinging mold side bars—such as the supplementary hinged end J (shown in Fig. 6)—is provided.

I claim—

1. In a brick-molding machine, the combination of a base-board, a pivot-pin, side mold-bars each provided with a series of reëntrant angles, mounted on said pin, and a latching device, substantially as described.

2. In a brick-molding machine, the combination of a base-board, a follow-board thereon, a pivot-pin secured to said base-board, a pair of side mold-bars, each provided with a perforated lug engaging said pin and each provided with a series of reëntrant angles, the angles on one bar being symmetrically disposed in relation to those on the other bar, substantially as described.

3. In a brick-molding machine, the combination of a base-board, a pivot-pin mounted thereon, a pair of side mold-bars pivotally mounted on said pin, each bar being provided with a series of reëntrant angles and one of said bars being provided with an end piece, hinged to the end of the last angle, for ready disengagement, substantially as described.

EDWARD A. ENOS.

Witnesses:

WILLIAM C. BASSE,
OTTO E. ENOS.