

S. Shreffler,
Brick Mold,
No 53,191, Patented Mar. 13, 1866.

Fig. 1.

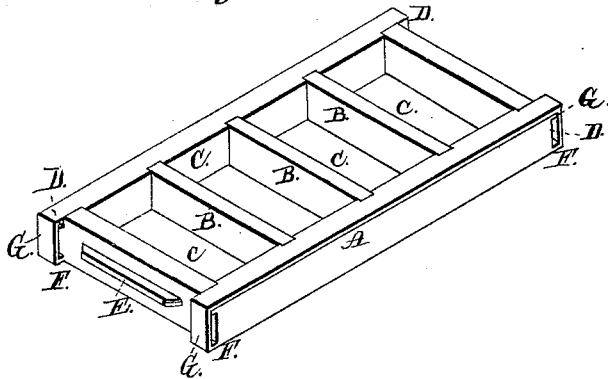
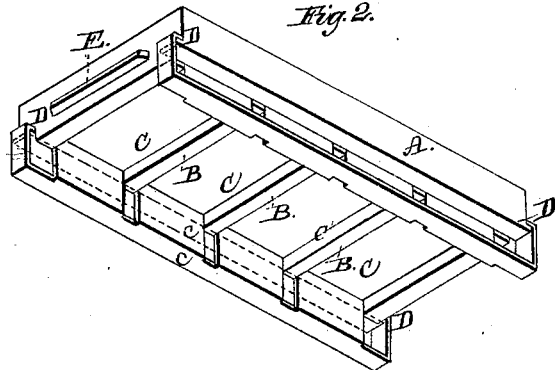


Fig. 2.



Witnesses:

W. L. Jones,
L. Murphy.

Inventor:

Samuel Shreffler.

W. H. Mowbray & Co.
his attys.

UNITED STATES PATENT OFFICE.

SAMUEL SHREFFLER, OF JOLIET, ILLINOIS.

IMPROVED BRICK-MOLD.

Specification forming part of Letters Patent No. **53,191**, dated March 13, 1866.

To all whom it may concern:

Be it known that I, SAMUEL SHREFFLER, of Joliet, in the county of Will and State of Illinois, have invented an Improved Mold for Making Brick; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, made part of this specification, in which—

Figure 1 is an isometrical projection of the mold; Fig. 2, a similar view of the same reversed, as it would be seen in depositing the bricks.

The same letters in the different figures refer to identical parts.

The mold consists, in the first place, of a wooden frame, A, of four sides, open at the bottom, and having partitions B B across it, forming as many compartments as it is designed to make brick in the mold. The size of these compartments will determine the size of the brick. On the end of the mold cleats are placed, by which the mold may be held. A lining of sheet metal is formed to the shape of the sides of the mold, covering the bottom and turned over the upper edges of the frame A. Slots cut in this sheet of metal permit the partitions B B to pass through, while the sheet fits snugly against their side. Strips G G are bent around the ends at the four corners, attached above to the sheet of metal C, and having on their lower extremity hooks F F. On the same ends of A A are attached catches D D, which receive the hooks F F and prevent the plates C C from separating from the frame.

The mold, as shown in Fig. 1, is filled with clay properly prepared. It is then reversed, the fingers holding the mold by the cleats E E. The bricks are forced by their own weight, or the pressure of the thumbs of the brick-maker, against the back of the plate from the frame, the plate giving with them. The bricks thus deposited do not touch one another, being separated by the width of the partitions, and only now touching their edges against the metallic plate, which may have a slight draft, the plate being held by the hook F and catch D. The mold is readily removed without in any degree injuring the brick.

Having thus fully explained the nature and operation of my improvements, what I claim as my invention, and seek to secure by Letters Patent, is—

1. Constructing a mold for making brick, having a frame A, with partitions B, and the slotted sliding plate C, formed and combined substantially as and for the purposes set forth.

2. In combination with the plate C, the hook F and catch D, substantially as and for the purpose set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

SAMUEL SHREFFLER.

Witnesses:

HENRY LOGAN,
FRED. SEHRING.