Nov. 8, 1927. 1,648,038

C. E. WRIGHT

MOLD FOR PLASTIC MATERIALS

Original Filed June 19, 1925

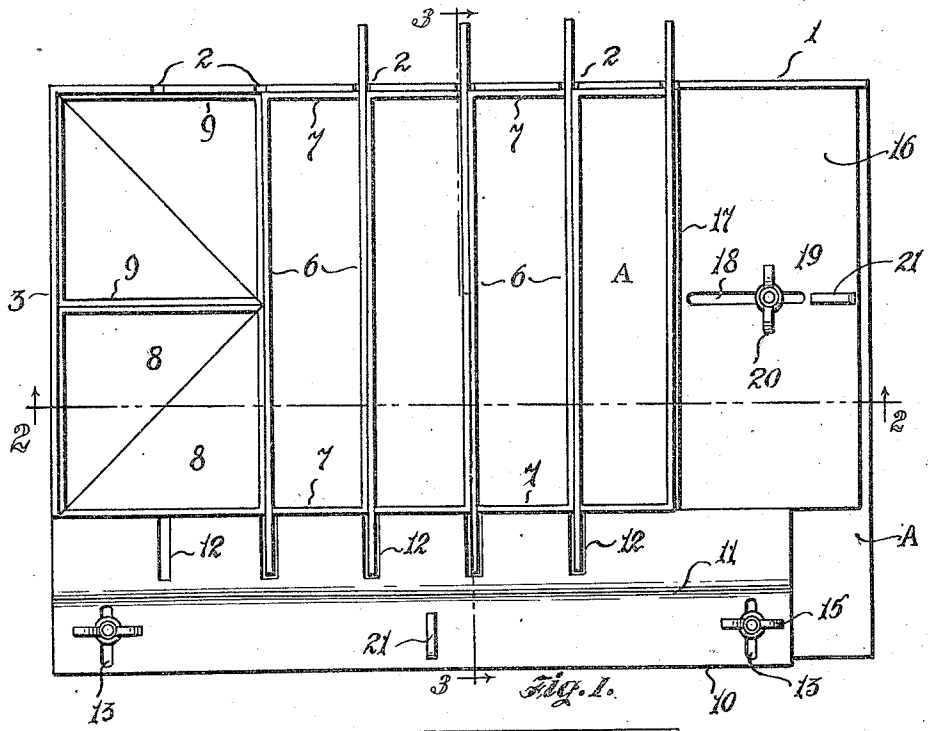


Fig. 1.

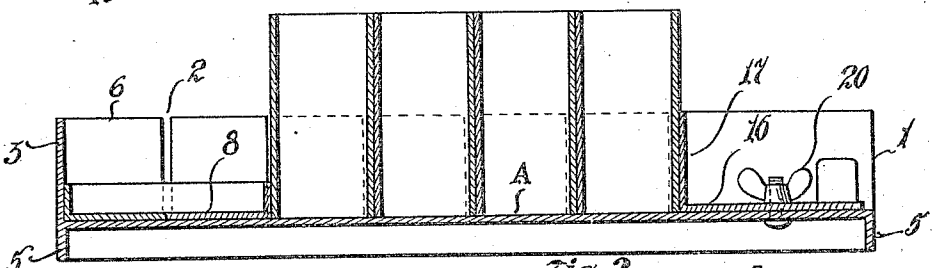


Fig. 2.

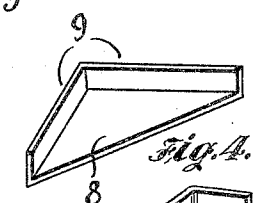


Fig. 4.

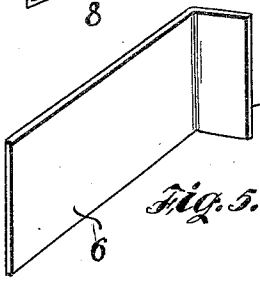


Fig. 5.

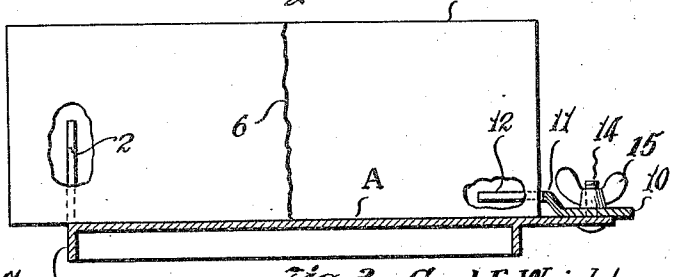


Fig. 3.

Carl E. Wright
INVENTOR

BY John M. Gellman
ATTORNEY

Patented Nov. 8, 1927. 1,648,038

UNITED STATES PATENT OFFICE.

CARL E. WRIGHT, OF DALLAS, TEXAS.

MOLD FOR PLASTIC MATERIALS.

Application filed June 19, 1925, Serial No. 38,193. Renewed September 8, 1927.

This invention pertains to improvements in molds for plastic material and it relates more specifically to the arrangement and construction of the parts comprising the mold.

The primary object of the invention is to provide a mold for tile and brick wherein the plastic material forming the brick or tile may be poured into the mold in a wet or flowing state, and permitted to set and harden.

Another object of the invention is to provide a mold of this nature which can be easily and quickly taken apart or reassembled, enabling the molded article to be easily removed and without injury thereto.

A further object of the invention provides for an arrangement of its parts wherein either brick or tile may be molded by adjustment of said parts.

With the above and other and further objects in view, the invention will be better understood by reference to the following description, taken in connection with the accompanying drawings, forming part hereof and in which:

Figure 1 is a top or plan view of a mold form embodying the invention.

Figure 2 is a longitudinal sectional view thereof along line 2—2 of Figure 1.

Figure 3 is a cross-sectional view, along the line 3—3 of Figure 1.

Figure 4 is a perspective view of one of a pair of divided mold forms for the tile, and Figure 5 is a similar view of a mold form for the brick.

In carrying out the invention, there is first provided a base with an upwardly projecting flange 1 along one side thereof. This flange is slotted at 2—2 and extends around and is projected upwardly on the same plane at 3 to within a short distance of the edge of the base. These two flanges, 2 and 3, thus form a fixed wall against which the mold parts abut. The flange 1 extends from end to end along one edge of the base, A.

The base has downwardly directed flanges 5—5 entirely around the lower rim for supporting the same.

The parts comprising the mold for the brick consist of two strips 6—6, one end 7 thereof being bent at right angles upon itself and forming an L-shaped member. These two strips placed together as depicted in Figure 1 form a rectangular space into which the plastic material may be poured to form a brick. As many forms may be placed on the base as desired, depending upon its dimensions.

In Figure 4 is illustrated one of a pair of tile molds 8 which, as will be seen, is triangular in shape and has flanges 9—9 along two sides thereof. Two of these parts placed together as shown in the drawing and in one end of the base (Figure 1) form a square tile tray.

The manner of holding the assembled parts together is shown in Figures 1, 2 and 3 and consists of a strip of metal 10 bent at an oblique angle at 11 and slotted at 12—12 to receive the projecting ends of the members 6—6. This strip 10 is also slotted at 13 to receive a bolt 14 with a winged nut 15. This strip 10 may thus be advanced against the ends of the mold and tightened to hold them in position.

Another strip 16 has a right-angled flange 17 which abuts the sides of the forms on one end of the base as shown in Figures 1 and 2. This strip is also provided with a slot 18 and bolt 19 and nut 20. Each strip 10 and 16 has a small handle 21.

From the above it will be seen that the article may be molded, either brick or tile, in a neat and accurate manner, and that the article molded may be removed from the mold by slipping back the strips 10 and 16 and removing the strips of the brick mold and the tile mold members. The base and strips 10 and 16 may thus be kept together and are not liable to be misplaced.

Where a pattern or imprint is desired in the mold for the article it may be placed therein without altering the arrangement. Such mold imprints or patterns which are adapted to this particular form of mold form the subject matter of another invention by the applicant hereof.

It should be understood that changes and modifications may be made in the invention without departing from and in keeping with the spirit of the following claims,

I claim:

1. A mold device for plastic material consisting of a base, a support therefor, one side and end of the base having an abutment, a plurality of metallic L-shaped strips receivable on the base, two of each strips forming a mold space for brick, and means for holding said strips together and against said abutments and adjusting the strips on the base.

2. A molding device for brick or tile com-

prising a base, supports therefor, abutting portions on the rim of the base, triangular shaped plates, two of which form a tray for a tile mold, means for holding said plates together and against said abutting portions and adjusting the plates to position.

3. A metallic mold device for brick or tile comprising a base, a support therefor, a plurality of paired members receivable on the base, each pair forming a mold for a brick or tile, means for holding and adjusting said members on the base, said means comprising upwardly directed and slotted flanged portions on the base, adjustable strips on the base margin, one of the latter being slotted and both strips provided with fastening means.

In testimony whereof I have signed my name to this specification.

CARL E. WRIGHT.