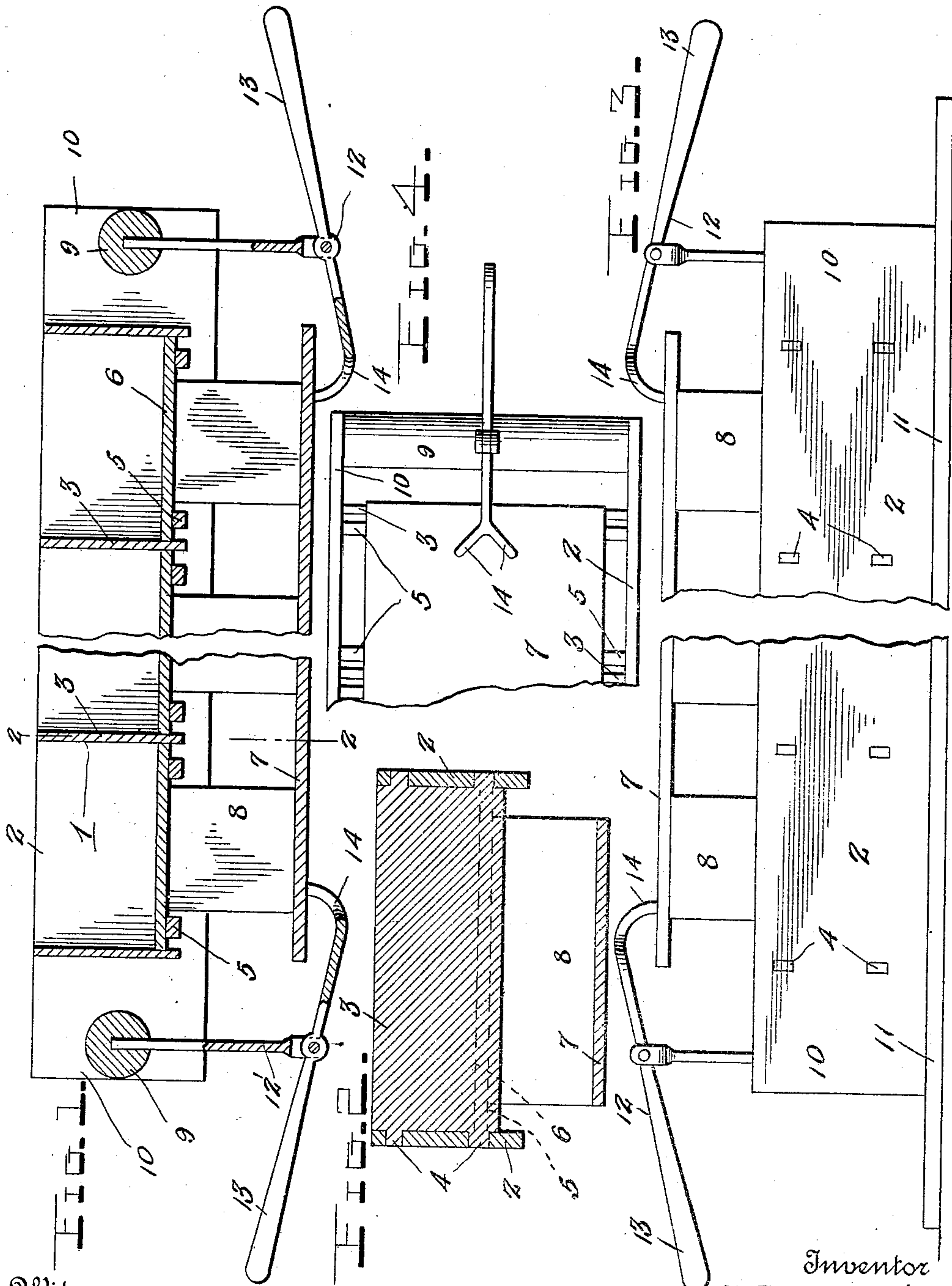


C. S. WERT.
BRICK MOLD.

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910,621.

Patented Jan. 26, 1909.



Witnesses.

Chas. R. Griesbauer. By
C. H. Griesbauer.

A. B. Wilson & Co.

Attorneys

Inventor
C. S. Wert.

UNITED STATES PATENT OFFICE.

CYRUS S. WERT, OF KENDALLVILLE, INDIANA.

BRICK-MOLD.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, CYRUS S. WERT, a citizen of the United States, residing at Kendallville, in the county of Noble and State of Indiana, have invented certain new and useful Improvements in Brick-Molds; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to new and useful improvements in brick molds and has for its object to provide a simple and economical mold whereby a number of bricks may be made at a single operation and whereby the bricks, after having been properly molded, may be readily discharged from the mold compartment.

With the foregoing and other objects in view, the invention consists of certain novel features of construction, combination and arrangement of parts, as will be more fully described and particularly pointed out in the appended claim.

In the accompanying drawings, Figure 1 is a central longitudinal section with the brick supporting member in lowered position; Fig. 2 is a transverse section on the line 2—2 of Fig. 1; Fig. 3 is a side elevation showing the position of the mold prior to the discharge of the bricks, and Fig. 4 is a fragmentary plan view of Fig. 3.

In the embodiment illustrated a mold having a plurality of mold compartments 1 is shown, said compartments being formed by two side pieces 2 and a plurality of transverse partitions 3, the ends of each of the partitions having lugs 4 to fit in corresponding openings in the side pieces 2.

A plurality of cross rods or bars 5 are arranged between the side pieces, preferably with two on each side of each partition and with their bottom edges flush with the lower edges of the partitions. These cross rods or bars constitute supports for a plurality of flat metallic plates 6 which fit in the mold compartments with great nicety and form the bottoms of the molds. As shown in the drawing these plates are attached to a flat metallic plate 7 by side pieces 8 which are arranged between the bottom and top surfaces of the plates 6 and 7, respectively. Cross rods 9, constituting handles, are arranged between the projecting ends 10 of the side pieces 2.

In the operation of forming bricks, the mold is arranged with the projecting ends of the side pieces resting upon suitable supports in which case the plates 5 are located in the bottoms of the mold compartments and form the bottoms of the mold. The material from which the bricks are to be formed is next placed into the mold compartments and after the top surfaces of the bricks are leveled or smoothed off, a pallet board 11 is arranged over the top surfaces of the bricks and the mold turned over in the position indicated in Fig. 3 of the drawings. This having been done, the outer section of the mold which comprises the side pieces 2 and the partitions 3 is raised by means of the operating levers 12 which are pivoted to supports 12' which are disposed in an upright position with the mold in brick discharging position, the operating levers comprising outwardly extending handle portions 13 adapted to be grasped by the operator and inner inwardly curved forked portions 14 which bear against the plate 7 during the operation of raising the outer section in order to discharge the bricks.

My improved mold is preferably constructed of sheet metal but may be made of any other material or materials desired. From the construction disclosed, it will be seen that my improved mold provides a means whereby a plurality of bricks may be formed by and at a single operation and with but little effort on the part of the operator.

From the foregoing description taken in connection with the accompanying drawings, the construction and operation of the invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of the invention, as defined in the appended claim.

I claim as my invention:—

A mold of the class described comprising an outer section formed with a plurality of mold compartments, an inner movable section provided with plates to fit in the respective compartments of the outer section and adapted to form the bottoms of the molds, the inner section also comprising a flat base plate supported beneath said plates, means for supporting the upper plates of the

inner section at the bottoms of the mold compartments, cross rods at the ends of the outer section, supports extending from the cross rods, and operating levers pivoted to
5 the supports in position to have their inner portions bear upon the base plate of the inner section.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

CYRUS S. WERT.

Witnesses:

ELIJAH P. LASH,
S. A. ECKHART.