

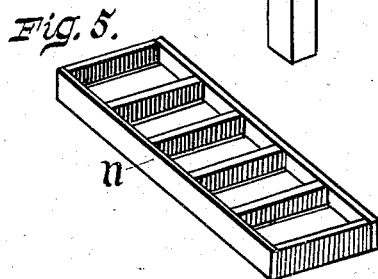
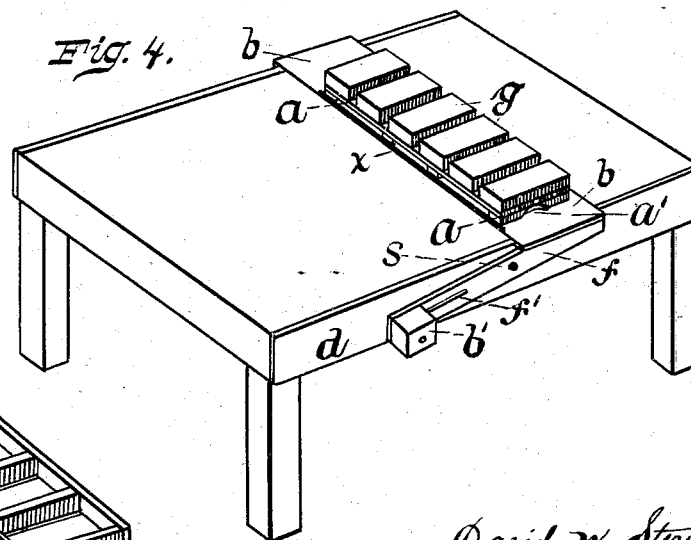
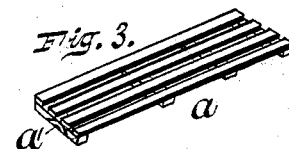
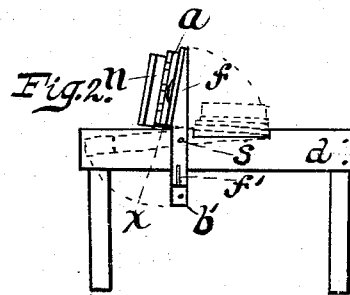
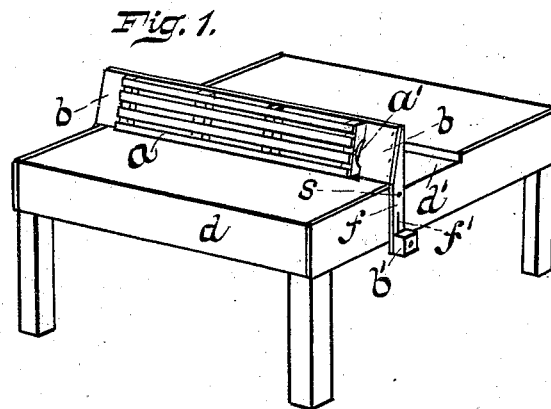
(No Model.)

D. W. STEWART & L. DOWNING.

DEVICE FOR DISCHARGING BRICKS FROM THE MOLD.

No. 262,993.

Patented Aug. 22, 1882.



WITNESSES:  
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# UNITED STATES PATENT OFFICE.

DAVID W. STEWART AND LEANDER DOWNING, OF MUNCIE, INDIANA.

## DEVICE FOR DISCHARGING BRICKS FROM THE MOLD.

SPECIFICATION forming part of Letters Patent No. 262,993, dated August 22, 1882.

Application filed June 5, 1882. (No model.)

### *To all whom it may concern:*

Be it known that we, DAVID W. STEWART and LEANDER DOWNING, citizens of the United States, residing at Muncie, in the county of Delaware and State of Indiana, have invented a new and useful Device for Discharging Bricks from the Mold, of which the following is a specification.

The objects of our improvements are to construct a table with a vertical hinged lid, which is provided with movable racks, on which the mold is placed and dumped, so that the bricks may be "dumped on the rack," (instead of the ground, the old way,) on which they may be conveniently handled. We attain these objects by the mechanism illustrated by the accompanying drawings, in which—

Figure 1 is a perspective view of the table with the lid and rack in a vertical position. Fig. 2 is an end view of the same with a brick-mold placed against the rack, the dotted lines showing the mold, rack, and lid turned down as in dumping the brick. Fig. 3 is a perspective view of the rack. Fig. 4 is a perspective view of the table with six bricks dumped on the rack and the mold removed, and Fig. 5 is a perspective view of a mold.

Similar letters refer to similar parts throughout the several views.

The table *d* may be constructed any desired height and size. The surface is made lower, or an offset is made across the center, as shown in Figs. 1 and 2 at *d'*. A frame consisting of the back *b* and arms *f* is pivoted to one edge of the said offset *d'* by pivots or bolts *s*, so that the back will just fill up the offset when it is turned down. The lower ends of the arms *f* are provided with a slot, *f'*, for adjustably securing the weight *b'*, which keeps the frame in an upright position, being adjusted according to the number of bricks dumped upon the lid or rack. The racks *a* are composed of four light strips of material and four (more or less) cross-braces, the ones on the ends having hand-holds *a'* cut in their under surface, as shown in Figs. 1, 2, 3, and 4, sufficient to catch in to lift it by. These racks are set on the strip *x*, which is made by fast-

ening a small strip of wood to the lower edge of the back *b*, in order that the rack will rest on said strip instead of the surface of the table, as shown. A brick-mold full of bricks (of any form, the one shown in Fig. 5, holding five bricks, being preferred) is then placed on the table and turned top side up against the rack *a*, as shown in Fig. 2. With each hand then press the rack and mold together by clamping the fingers in the slots *a'* and the thumbs against the back of the mold, at the same time allowing the rack, mold, and frame to turn over, as shown in dotted lines, Fig. 2, in which position they will remain until the mold is lifted off (leaving the bricks *g* as shown in Fig. 4) and the rack lifted up with the bricks, when the frame will rise up, as shown in Figs. 1 and 2. As before said, the rack is lifted up with the bricks *g* and carried to any desired place, remaining on the rack while drying, in order that they may be easily and quickly taken up off the ground, stacked up, or handled in any way desired.

The racks will be required in various numbers, according to the number of bricks molded; but they are inexpensive in manufacture and very easily and rapidly constructed.

Having thus described our invention, we claim the following as new, and desire to secure the same by Letters Patent:

1. A table on which bricks are discharged from the mold, having a swinging lid pivoted at each end of the said table, which is provided with an offset, the said table having adjustable weights attached to the arms *f*, all for the purpose set forth.

2. The combination of the table *d d'* and the lid *b f*, with the rack *a*, for the purpose set forth.

3. The combination of the rack *a a'* with a table having a hinged lid, as and for the purpose set forth.

DAVID W. STEWART.  
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Witnesses:

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