(No Model.)

G. PARTRIDGE.

BRICK MOLD WASHER.

No. 267,365. Patented Nov. 14, 1882.

Fig. 1.

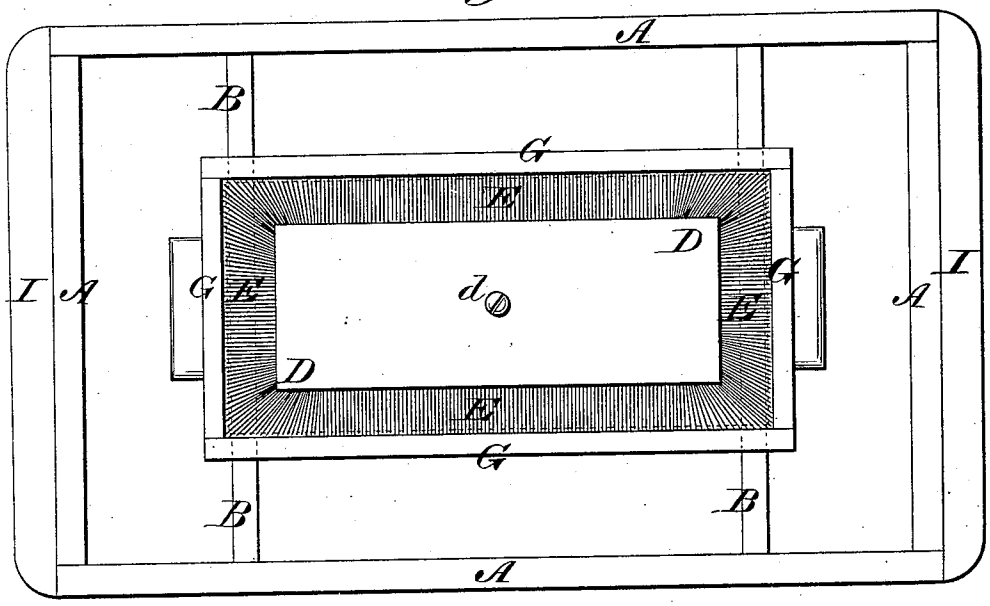

Fig. 2.

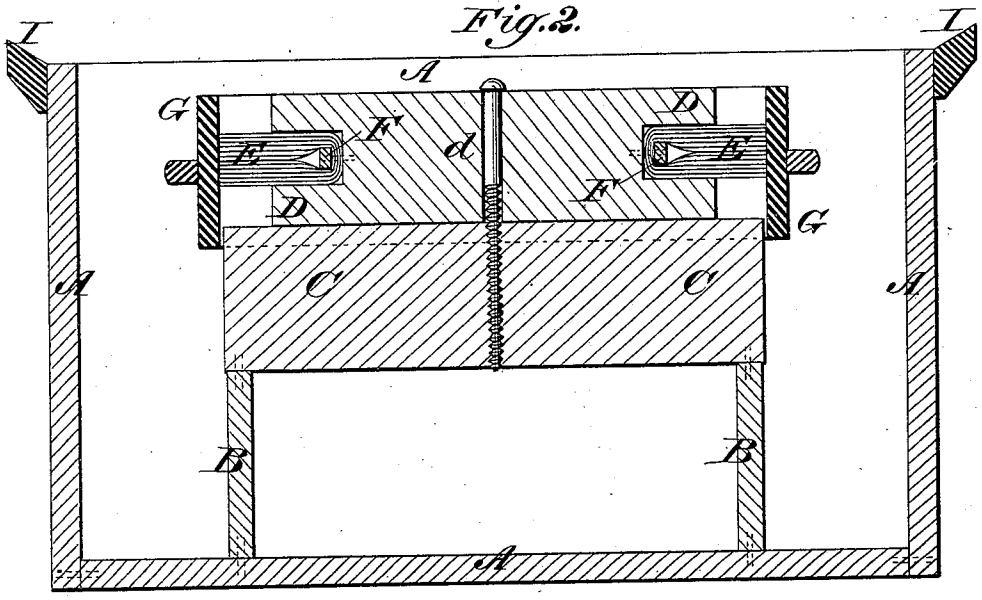

Fig. 3.

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UNITED STATES PATENT OFFICE.

GEORGE PARTRIDGE, OF EVANSVILLE, MINNESOTA.

BRICK-MOLD WASHER.

SPECIFICATION forming part of Letters Patent No. 267,365, dated November 14, 1882.

Application filed February 8, 1882. (No model.)

To all whom it may concern:

Be it known that I, GEORGE PARTRIDGE, of Evansville, in the county of Douglas and State of Minnesota, have invented a new and useful Improvement in Brick-Mold Washers, of which the following is a specification.

Figure 1 is a plan view of the improvement. Fig. 2 is a sectional side elevation. Fig. 3 is an edge view of the mold-board.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish washers for removing dirt or clay from the inner surfaces of brick-molds, the use of which will enable the operator to clean the molds rapidly and thoroughly.

The invention consists in constructing a brick-mold washer of a water-receiving box having cross-bars, a guide-block attached to the cross-bars, and a brush attached to the guide-block, whereby the molds will be washed by passing them down over the brush, as will be hereinafter fully described.

A represents a box to contain water, and which may be made of any convenient size.

B are two bars, which cross and are secured to the bottom of the box A or to its sides.

To the middle parts of the upper sides or edges of the bars B is secured the guide-block C, which is made a little smaller than the interior of the brick-molds, so that it can pass through the said molds easily.

To the guide-block C is secured, by a screw, *d*, the brush-block D, which is concentric with and is made smaller than the guide-block C, so that the sides and ends of the said guide-block C will project beyond the sides and ends of the brush-block D, as shown in Fig. 2 and in dotted lines in Fig. 1.

Around the middle part of the brush-block D is formed a groove, in which is secured bristles, grass, cane, whalebone, wood, or other suitable material, E. The material E is bent together at its center around bars F, which bars and material are then forced into the slots of the brush-block D, and are secured to the said brush-block at the bottoms of the said grooves by nails or other suitable means, the material E being made so long that it will rub against the inner surfaces of the sides and ends of a brick-mold, G, as the said mold is passed down over the brush D E and guide-block C, the said guide-block C centering the mold, so that its sides and ends will press equally against the brush D E, and will thus be evenly cleaned. At the corners of the brush-block D the material E is made thicker, so that it will spread and fill out the corners of the brush.

In using the washer a sufficient quantity of water is placed in the box A and the molds are passed down over and raised from the brush D E, during which operation the brush D E removes all dirt or clay from the inner surface of the mold and leaves the mold ready to be again used.

H is the mold-board, upon which the off-bearer carries the filled molds from the machine to the drying-place.

To the end edges of the water-box A are attached cross-bars, cleats, or flanges I, which project above the top of the box A and are beveled upon the inner sides of their upwardly-projecting parts, as shown in Fig. 2, to form edges, so that the said bars I will serve as scrapers or wipers upon which to scrape or wipe off the sides of the mold-board H, and thus remove any mud or dirt that may adhere to the said mold-board.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The combination, with the water-box A, having the cross-bars B, of the guide-block C, secured to the middle of the upper edges of said cross-bars, and the block D, carrying the brush and secured centrally to said guide-block, as and for the purpose specified.

GEORGE PARTRIDGE.

Witnesses:
G. M. SWENSON,
PETER MYHR.