(No Model.)

W. A. DECHANT.

POTTER'S MOLD.

No. 590,365. Patented Sept. 21, 1897.

Fig. 1.

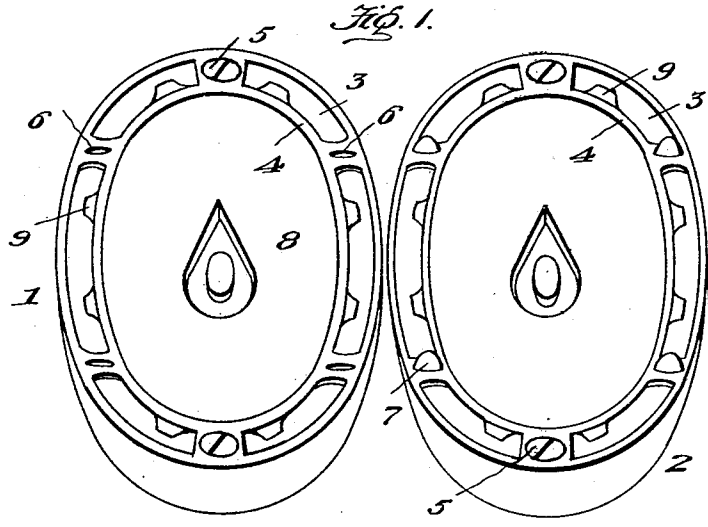


Fig. 3.

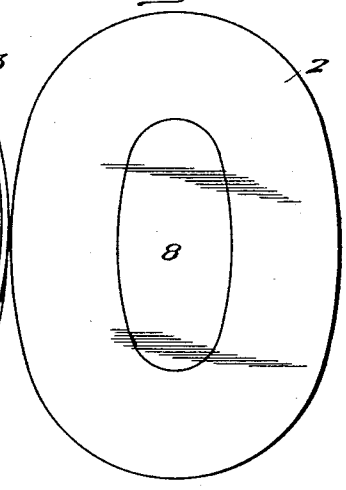


Fig. 2.

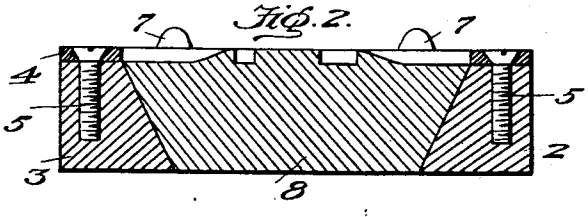
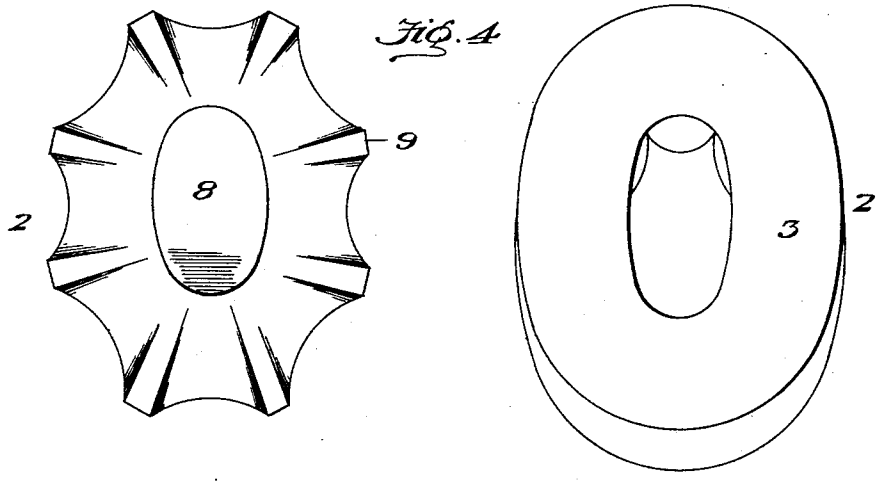


Fig. 4



Witnesses
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POTTER'S MOLD.

SPECIFICATION forming part of Letters Patent No. 590,365, dated September 21, 1897.

Application filed March 16, 1897. Serial No. 627,906. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM A. DECHANT, a citizen of the United States, residing at East Liverpool, in the county of Columbiana and State of Ohio, have invented certain new and useful Improvements in Potters' 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.

My invention has relation to improvements in potters' molds for forming the ears and handles for pottery-ware, and more particularly to that class of molds in which Patent No. 338,226 may be taken as a type; and the object is to increase the efficiency and durability of the same; and to this end the novelty consists in the construction, combination, and arrangement of the same, as will be hereinafter more fully described, and particularly pointed out in the claims.

In the accompanying drawings the same reference-characters indicate the same parts of the invention.

Figure 1 is a perspective view of my improved mold, the drag and the cope being separated to show the parts. Fig. 2 is a longitudinal section of the cope. Fig. 3 is a top plan view of the same, and Fig. 4 is a perspective view of the cope with the parts separated.

1 and 2 represent the drag and cope, which are the right and left hand sections of the mold proper. Each half comprises a socket or case 3, provided with a parting-frame 4, detachably secured thereto by countersunk head-screws 5 5.

The frame on the drag is formed with conical recesses 6 6, which engage the integral steady-pins 7 7 on the contiguous face of the frame on the cope.

8 represents the die or mold proper, and it is preferably made of aluminium or any suitable finished metal. This die 8 is formed with integral lugs 9, which extend under the frame 4, which secures said die in the case 3, preferably formed of a composition, such as plaster-of-paris or the like.

The dies are practically indestructible, the only wearing part being the plaster case, and when this becomes worn out, broken, or otherwise useless the die and parting-frame are retained and only the plaster case destroyed.

Heretofore the case and the die have been made integral and when damaged necessitated the expense of an entire new cope or drag, as the case might be.

Although I have specifically described the construction and relative arrangement of the several elements of my invention, I do not desire to be confined to the same, as such changes or modifications may be made as clearly fall within the scope of my invention without departing from the spirit thereof.

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

1. A sectional mold for potters' use comprising the case 3, the parting-frame 4, and the detachable die 8, secured in said case by the parting-frame 4, substantially as and for the purpose set forth.

2. A potter's sectional mold comprising the integral cope forming a socket or case, an integral detachable die, and an integral frame provided with steady-pins 7 7 detachably secured to said cope and adapted to detachably secure said die in said cope, in combination with the counterpart integral detachable drag 1 comprising a socket or case, an integral detachable die, and an integral frame provided with conical recesses 6 6 detachably secured to said drag, and adapted to detachably secure said die in said drag, substantially as shown and described.

In testimony whereof I hereunto affix my signature in presence of two witnesses.

WILLIAM A. DECHANT.

Witnesses:
WILBERT WEBBER,
E. C. HOSKINSON.