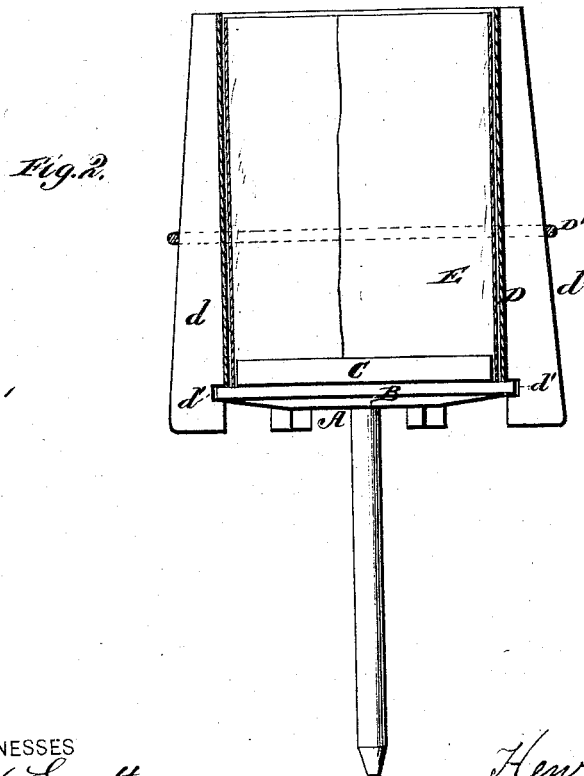
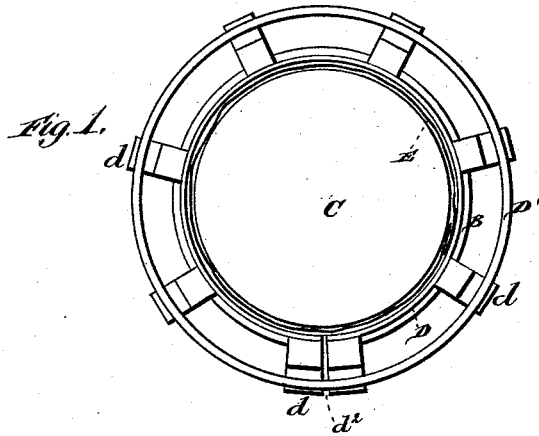


H. MISHLER.

Devices for Manufacturing Earthenware.

No. 219,000.

Patented Aug. 26, 1879.



WITNESSES
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HENRY MISHLER, OF MOGADORE, OHIO.

IMPROVEMENT IN DEVICES FOR MANUFACTURING EARTHENWARE.

Specification forming part of Letters Patent No. **219,000**, dated August 26, 1879; application filed May 10, 1879.

To all whom it may concern:

Be it known that I, HENRY MISHLER, of Mogadore, in the county of Summit and State of Ohio, have invented certain new and useful Improvements in Devices for the Manufacture of Earthenware; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of the bottom of my device, and Fig. 2 is a vertical central sectional view of the same.

This invention relates to devices for the manufacture of earthenware; and it consists in the improvements in the construction of the same, hereinafter fully described, and particularly pointed out in the claim.

A is the shaft of the common potter's wheel, and B is the head of the same. C is a disk of plaster, forming a bat or base, which rests upon the head B. D is a hoop, preferably made of metal, the outside diameter of which is the same as the diameter of the head B. To this hoop are attached the cleats *d*, which extend below the head B, and are provided with notches *d'*, for embracing the edge of the head B. This hoop is open upon its side, the edges abutting with the cleats at *d''*. This hoop may be of equal diameter throughout, or it may be narrower at top or bottom; or it may be of greater diameter at the middle; or it may have annular grooves or ridges, or other regular or irregular figures, upon its inside.

D' is a ring, which is placed over the cleats, which are slightly inclined, so that the ring, as it passes down, will close the hoop and engage the notches onto the head and retain the parts in position.

E is a lining of cloth, paper, or other flexible material, which is placed outside of the hoop, to prevent the clay from adhering to the hoop.

The operation of my invention is as follows: The parts being first placed in position, as described, the clay is placed upon the plaster disk or bat C. Motion being given to the head B, the clay is formed into a vessel in the usual manner, only working entirely from the inside. The outside of the vessel is formed against the hoop, by which means the vessel will be formed in design and shape the same as the inside of the hoop, the hoop serving as a mold for the vessel. When the vessel is ready to be removed from the wheel, first remove the ring D', and then the hoop D, the lining of which prevents it from adhering to the vessel, and the lining can be taken off of the vessel at will. By replacing the hoop and ring with a lining and plaster disk or bat, the operation can be repeated, thus greatly aiding in the manufacture of earthenware.

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

In a machine for molding earthenware, the hoop D, provided with the notched cleats *d*, in combination with the ring D', the potter's wheel B, the disk C, and lining E, as and for the purposes substantially as set forth.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

HENRY MISHLER.

Witnesses:

ABRAHAM C. COEL,
W. C. STEELE.