

(No Model.)

M. A. CUMING.

REVOLVING HAT BLOCKING TABLE.

No. 271,807.

Patented Feb. 6, 1883.

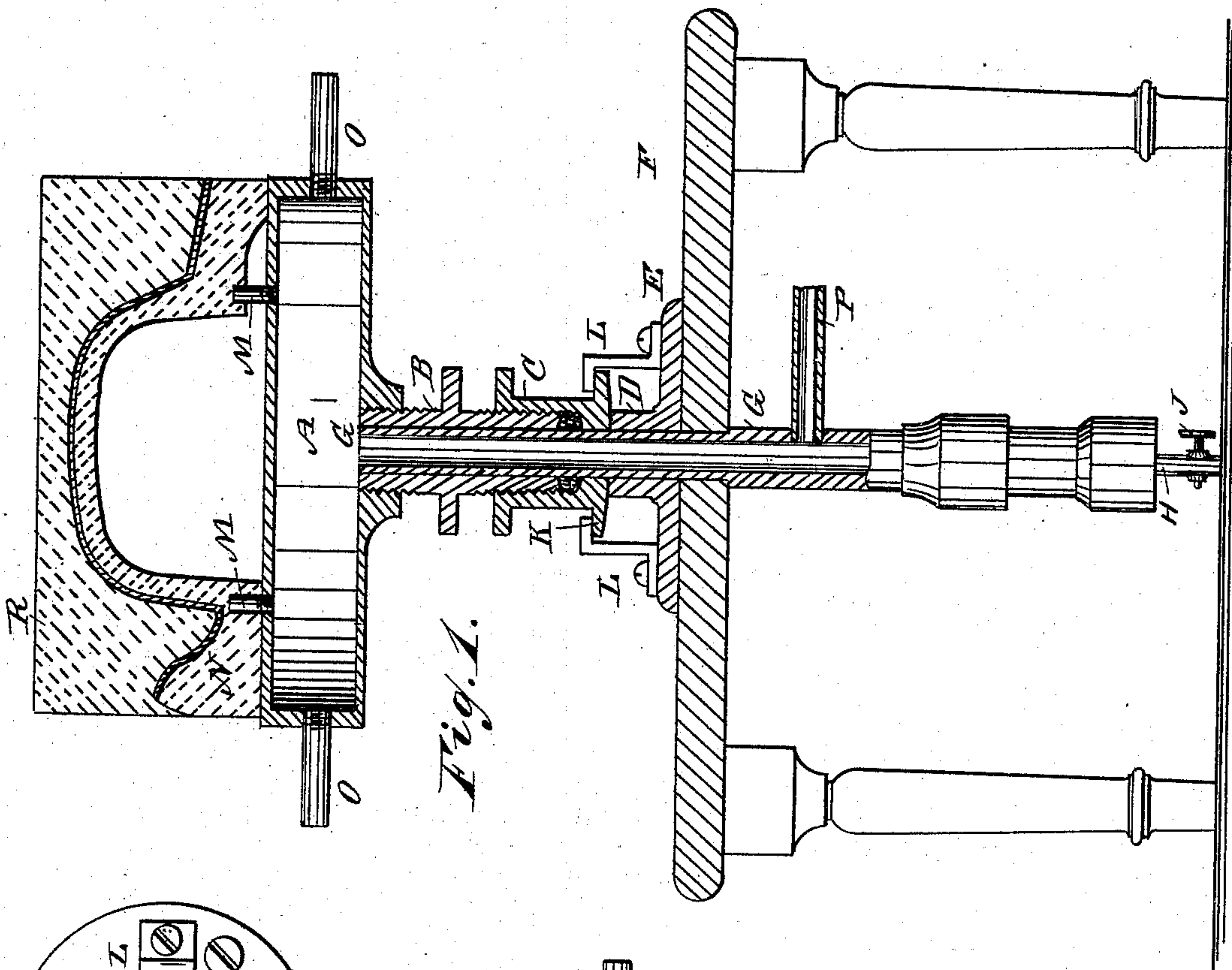


Fig. 1.

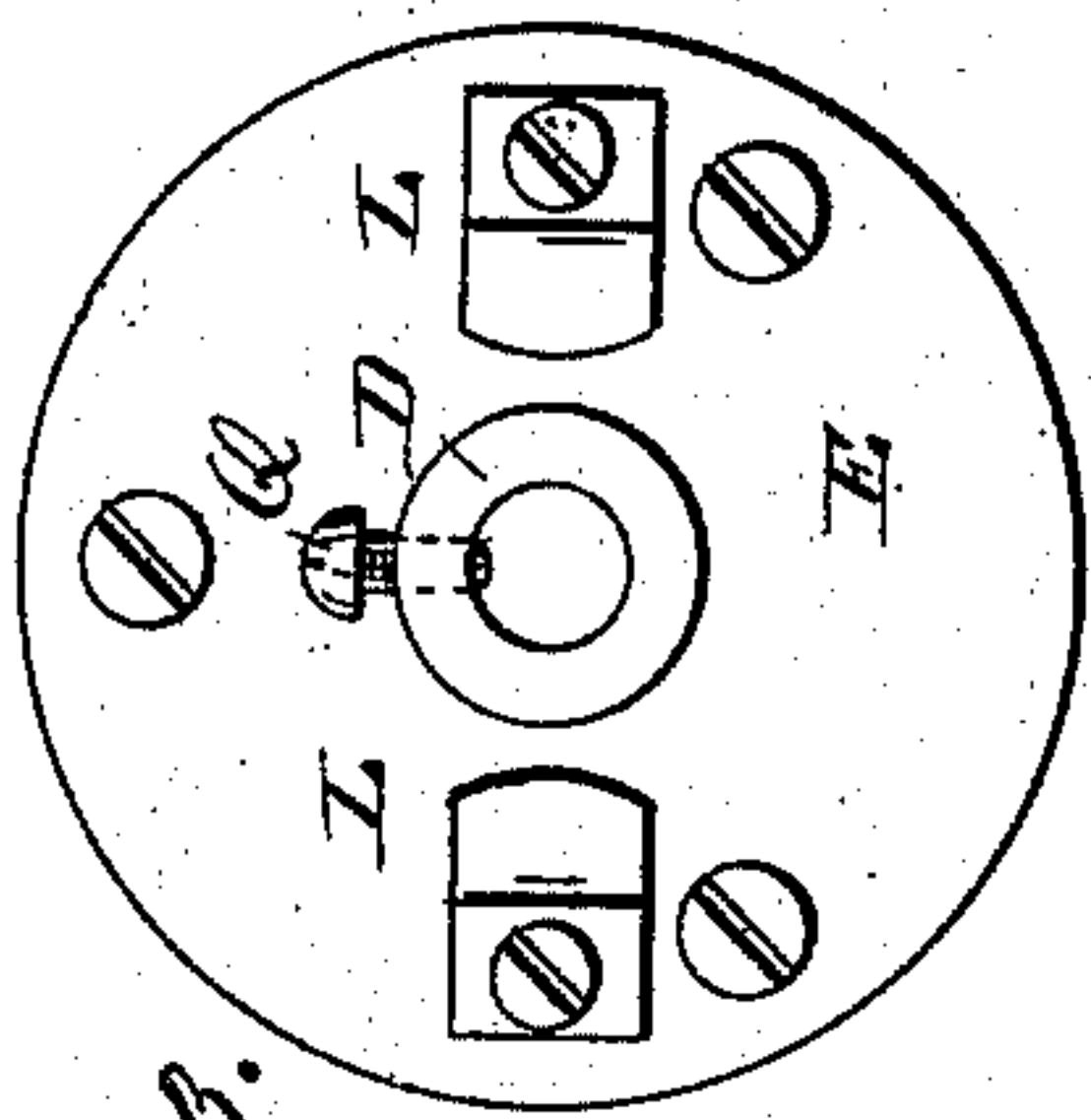


Fig. 3.

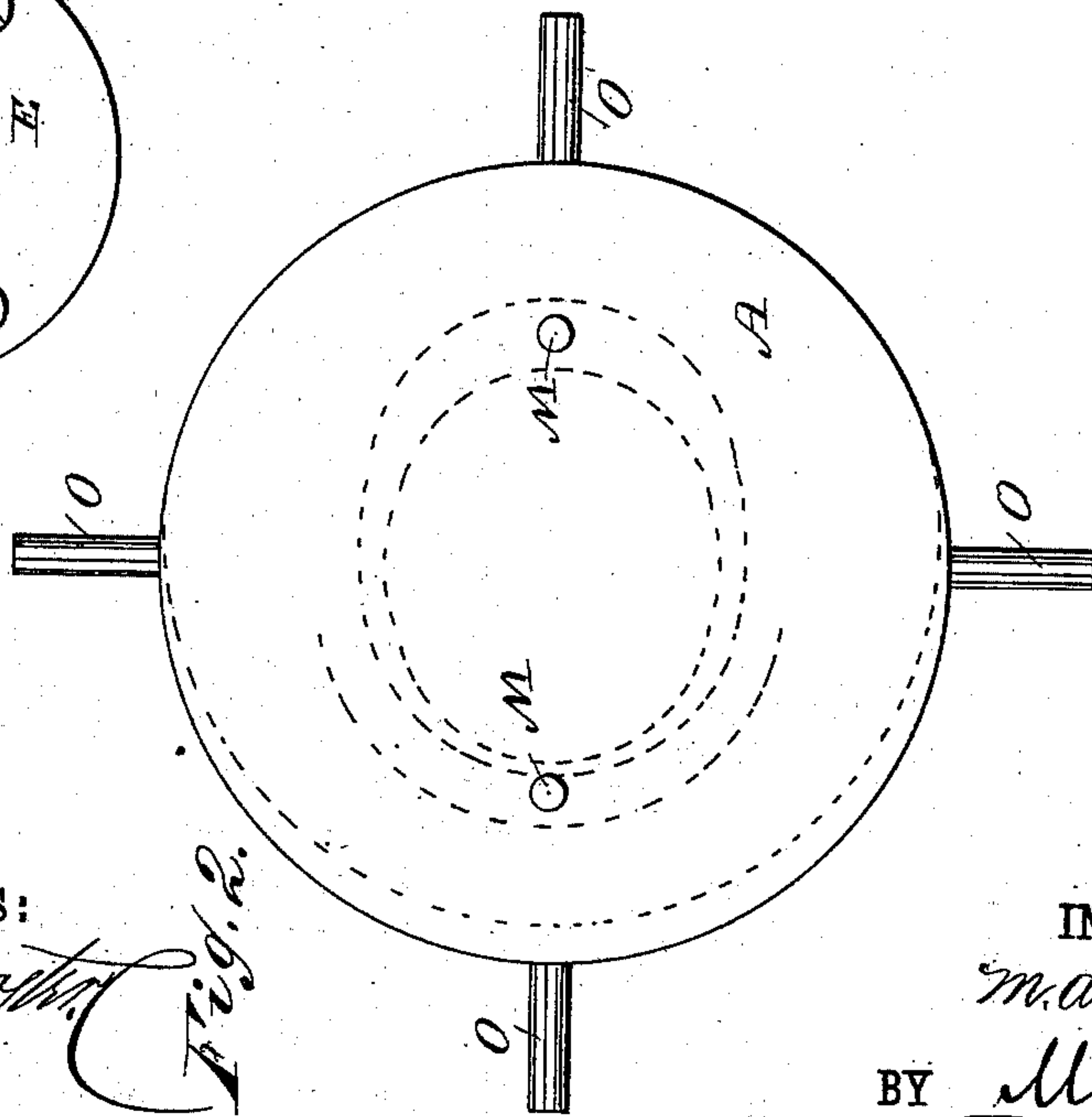


Fig. 2.

WITNESSES:

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REVOLVING HAT-BLOCKING TABLE.

SPECIFICATION forming part of Letters Patent No. 271,807, dated February 6, 1883.

Application filed October 23, 1882. (No model.)

To all whom it may concern:

Be it known that I, MARI A. CUMING, of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Revolving Hat-Blocking Table, of which the following is a full, clear, and exact description.

The object of my invention is to provide a new steam-table to facilitate the blocking of hats.

10 The invention consists in a hat-blocking table, formed of a revolving steam box or vessel adapted to carry the hat dies or molds.

The invention further consists in a stuffing-box for preventing the escape of steam, and in clips for holding the stuffing-box on the supporting-table and for allowing the same to be revolved on its longitudinal axis.

20 The invention further consists in an enlargement formed in the lower part of the steam-supply pipe for the purpose of collecting the condensation-water.

The invention also consists in handles for revolving the steam-box, and in studs for holding the hat dies or molds on the same.

25 Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

30 Figure 1 is a longitudinal sectional elevation of my improved revolving steam hat-blocking table. Fig. 2 is a plan view of the same. Fig. 3 is a plan view of the clips and plate for holding the steam-tube in place on the table.

35 A low cylindrical metal box or vessel, A, closed at the top and bottom, has a tube, B, screwed into its bottom, which tube projects from the bottom of the vessel A. The lower end of the tube B is screwed in a stuffing-box, C, the lower end of which rests upon a collar, D, of a circular plate, E, secured on the top of a table, F. A tube, G, fits loosely in the tube B and passes through the collar D, and is enlarged at its lower end. The bottom of the tube G is closed and provided with a smaller outlet-pipe, H, closed by a cock, J. The stuffing-box C is provided at its lower end with an annular horizontal flange, K, on which the upper ends of clips L rest, which are fastened on the plate E, thus permitting the tubes B and G and the stuffing-box C to turn on their longitudinal axis, but at the same time

holding them on the table and preventing them from being raised from the table F. Two pins or studs, M, project from the top of the vessel A, and are adapted to pass into apertures in the under side of a male die or mold, N, for a hat. The vessel A is provided with a series of radial handles, O. A branch pipe, P, conducts steam into the tube G. A screw, Q, passed through the collar D, holds the tube G and prevents it from turning.

The operation is as follows: The steam passes through the tubes P and G into the vessel A and heats the same, and the dies or molds N R resting thereon, between which dies or molds the hat that is to be blocked is held. The condensation-water collects in the enlarged bottom part of the tube G, and can be drawn off at suitable intervals through the tube H. The stuffing-box C prevents the escape of steam.

By means of the handles O the steam box or vessel A can be turned easily, so that the operator can conveniently manipulate on all parts of the hat and can adjust all parts of the molds or dies properly.

The dies can easily be removed and replaced by others.

I am aware that in hat-blocking machines a rotary spider supported by a hollow standard provided with a gas-burner in its interior and carrying a hat block or mold has heretofore been employed; and I am also aware that a revolving hat-block has heretofore been employed, and I therefore lay no claim to such inventions.

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

1. A hat-blocking table made substantially as herein shown and described, and consisting of a revolving steam box or vessel adapted to support the hat dies or molds, as set forth.

2. In a hat-blocking table, the combination, with a revolving steam-box, of a steam-supply pipe for the same, and a stuffing-box to prevent the escape of steam, substantially as herein shown and described, and for the purpose set forth.

3. In a hat-blocking table, the combination, with the steam box or table A, of the tube B, the tube G, the stuffing-box C, and the supporting-plate E, having collar D, substantially

as herein shown and described, and for the purpose set forth.

4. In a hat-blocking table, the combination, with the steam box or vessel A, of the tube B, the tube G, the stuffing-box C, having a flange, K, the supporting-plate E, having a collar, D, and the clips L, substantially as herein shown and described, and for the purpose set forth.

5. In a hat-blocking table, the combination, with the revolving steam box or vessel A, of the tube G and the handles M, substantially as herein shown and described, and for the purpose set forth.

6. In a hat-blocking table, the combination,

with the revolving steam box or vessel A, of the tube G and the studs M on the box A, substantially as herein shown and described, and for the purpose set forth.

7. In a hat-blocking table, the combination, with the vessel or box A, of the tube B, the tube G, having an enlargement at the lower end, the outlet-pipe H, and the stuffing-box C, substantially as herein shown and described, and for the purpose set forth.

M. A. CUMING.

Witnesses:

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