

G. H. ASHWORTH & A. F. VAN VOORHIS.

Improvement in Washing-Machines.

No. 127,545.

Patented June 4, 1872.

Fig 1

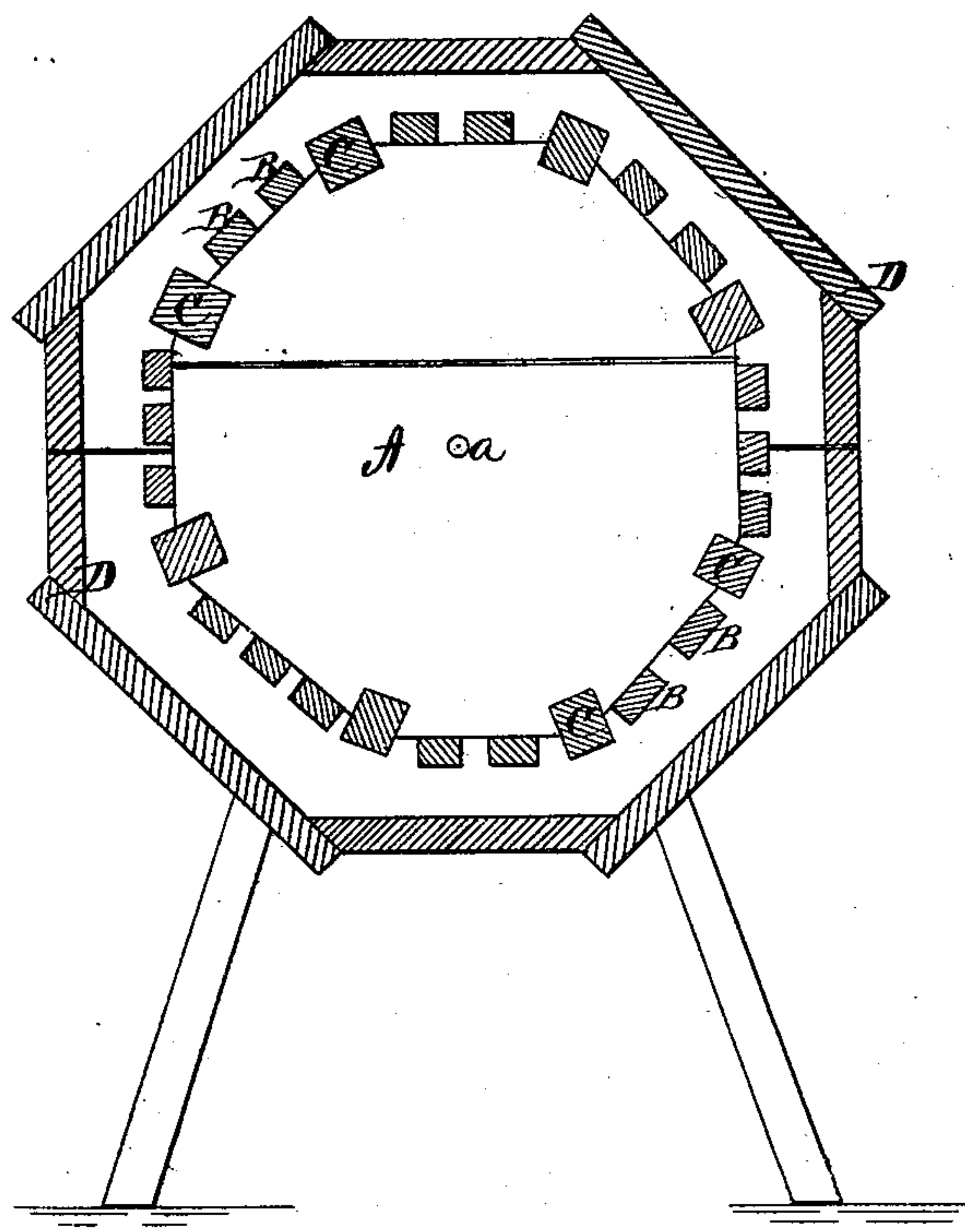
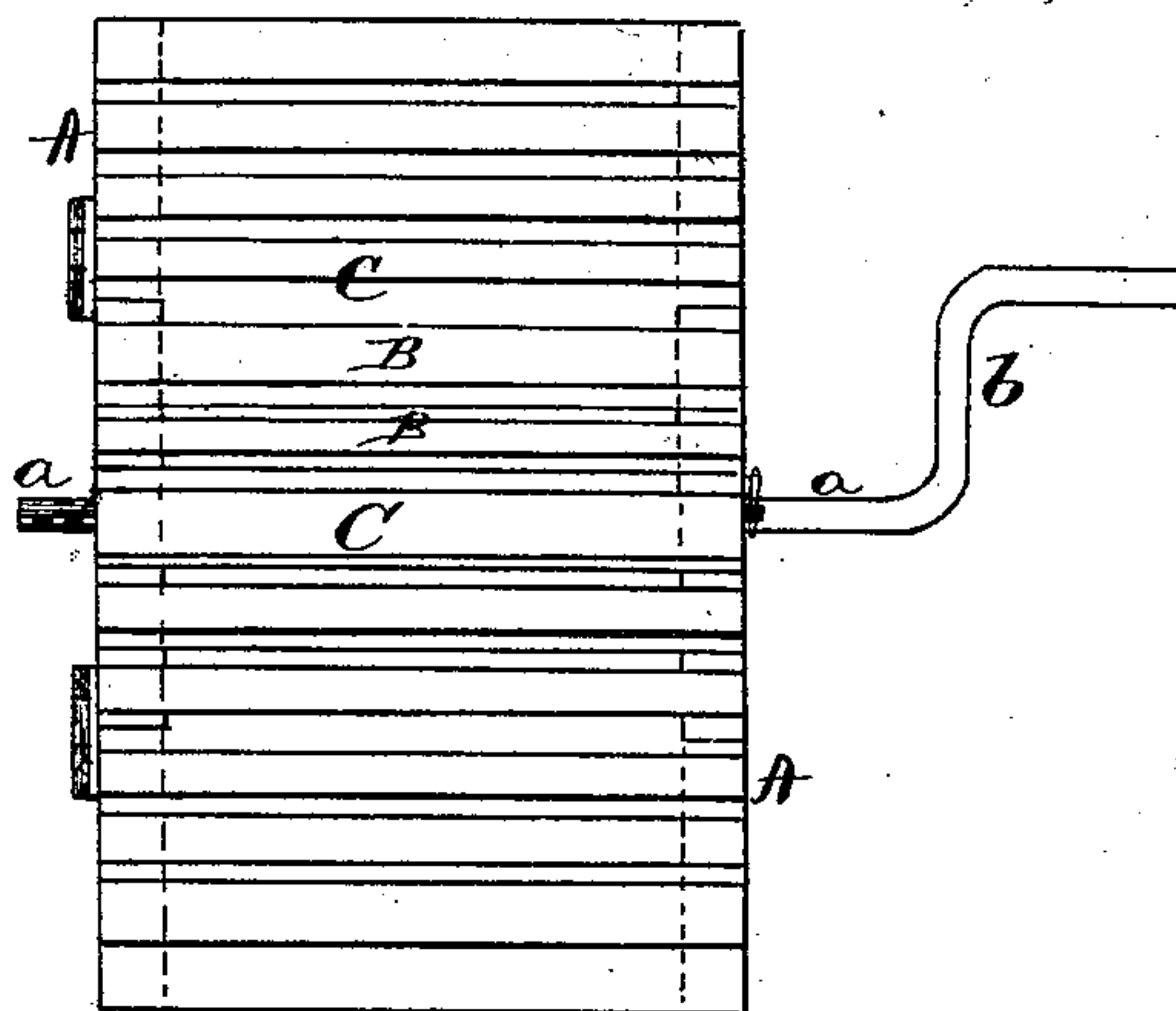


Fig 2



Witnesses:

Francis L. Durand.
C. L. Evers

Inventors

G. H. Ashworth & A. F. Van Voorhis
per Alexander Mason

Attorneys.

UNITED STATES PATENT OFFICE.

GRANVILLE H. ASHWORTH AND ABRAHAM F. VAN VOORHIS, OF ARCOLA,
ILLINOIS.

IMPROVEMENT IN WASHING-MACHINES.

Specification forming part of Letters Patent No. 127,545, dated June 4, 1872.

To all whom it may concern:

Be it known that we, GRANVILLE H. ASHWORTH and ABRAHAM F. VAN VOORHIS, of Arcola, in the county of Douglas and in the State of Illinois, have invented certain new and useful Improvements in Washing-Machines; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon making a part of this specification.

The nature of our invention consists in the construction and arrangement of a "washing-machine," as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which our invention appertains to make and use the same, we will proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a vertical section of our entire washing-machine, and Fig. 2 is a plan view of the interior revolving cylinder.

A A represent two octagon or polygonal-shaped heads, connected on the edges of their sides by slats B B. At the corners they are also connected by slats C C, which project inward a suitable distance beyond the slats B B, so that when the cylinder revolves these projecting slats will carry the clothes up from the suds and drop them in a different position

on the bottom of the cylinder in the suds, doing its work quick and easy, and without injury to the tenderest fabric or the removal of a single button. A portion of this cylinder is made separate, to form a lid, and hinged to the main part. In the center of the heads A A are inserted journals *a a*, one of which is formed with a crank, *b*, for rotating the cylinder, and said journals rest in suitable bearings formed in the sides of a box, D, made of any suitable form or shape to hold the suds and have the cylinder revolve within it. The box D is provided with, or formed with, a lid, so as to entirely inclose the cylinder.

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

The revolving cylinder, formed of the polygonal-shaped heads A A and slats B B, with the corner slats C C projecting inward beyond the slats B B, substantially as and for the purposes herein set forth.

In testimony that we claim the foregoing we have hereunto set our hands this 25th day of March, 1872.

G. H. ASHWORTH.
A. F. VAN VOORHIS.

Witnesses:

THOS. JONES,
DAVID TIBBOTT.