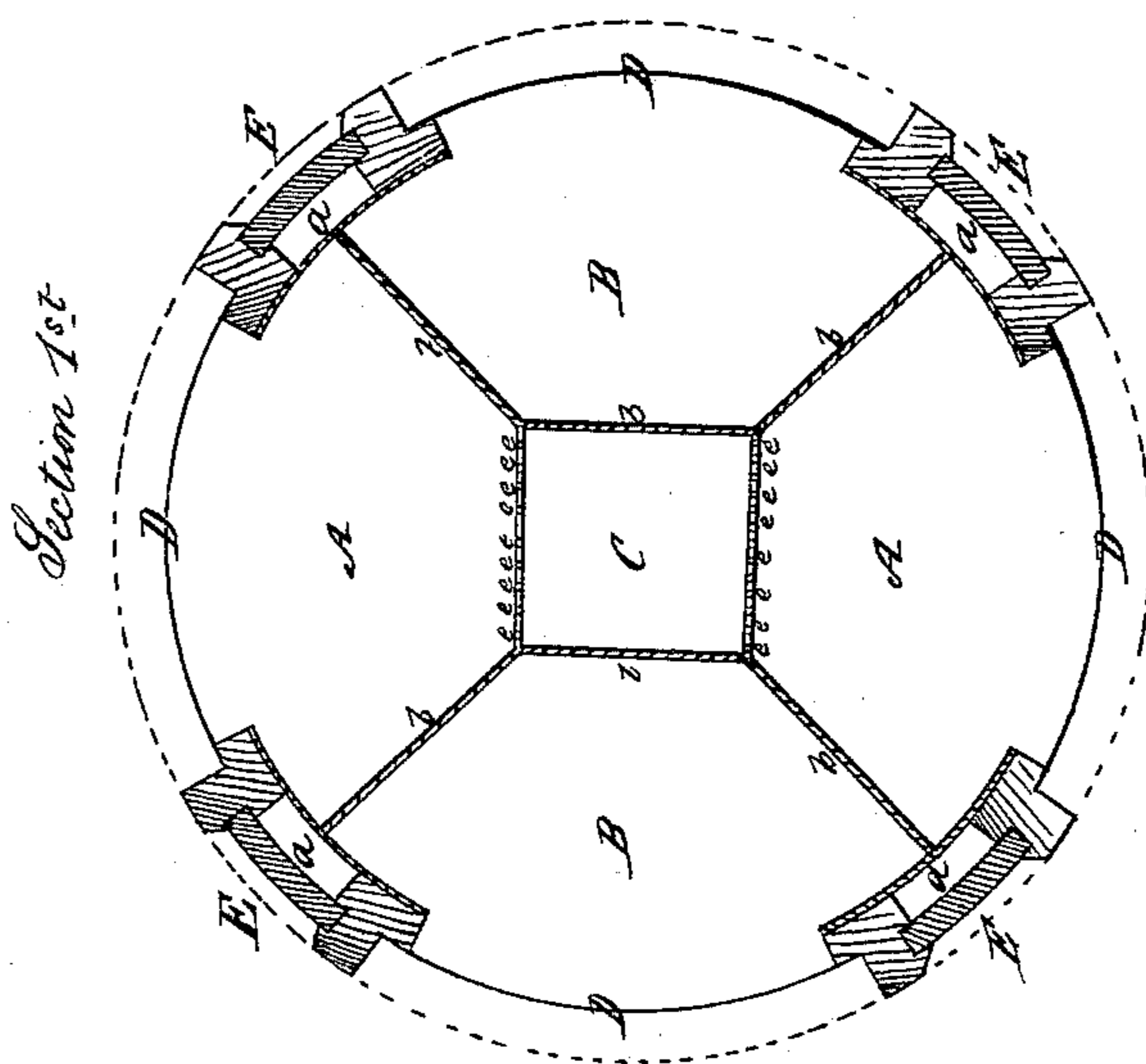
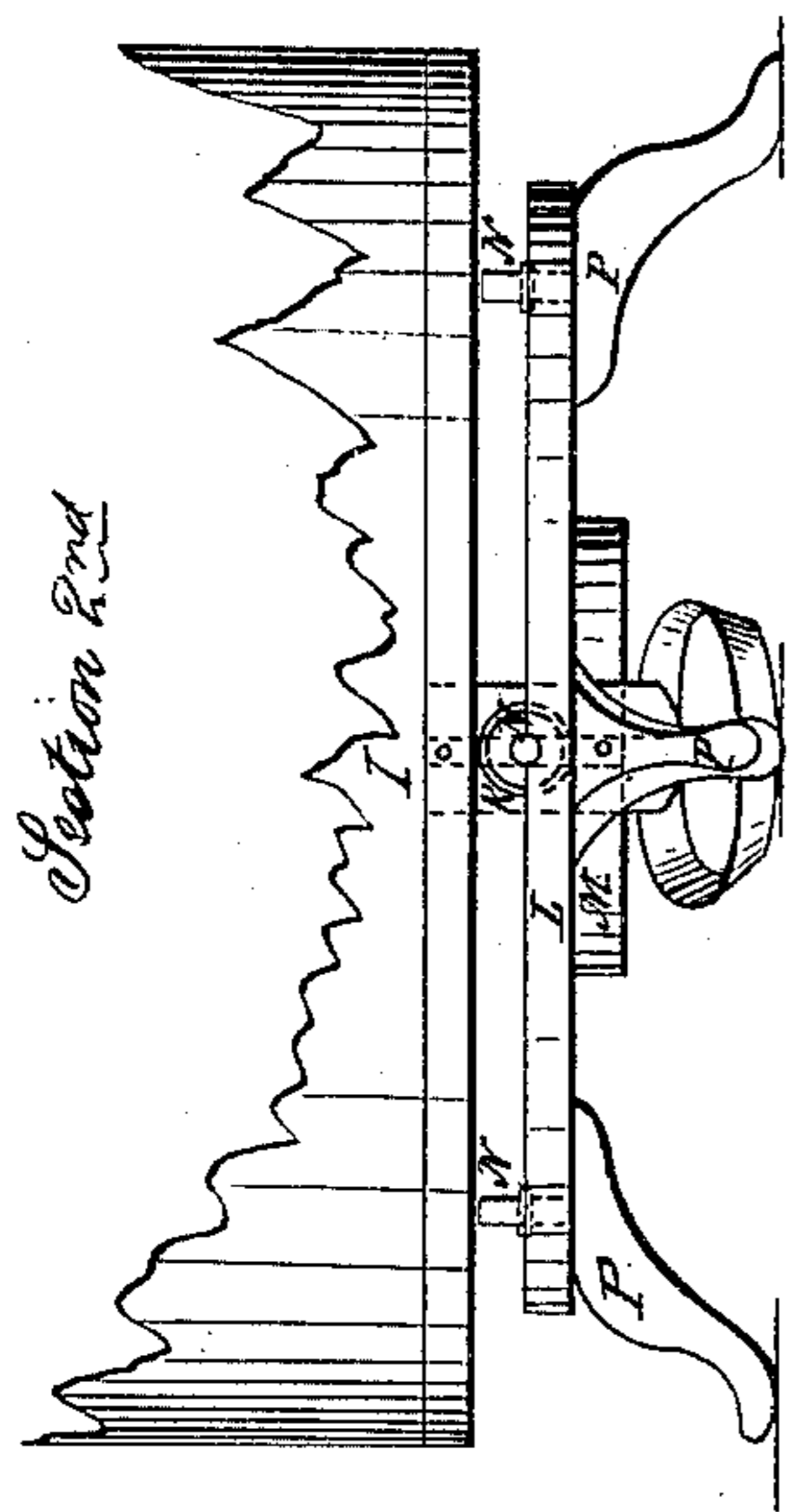
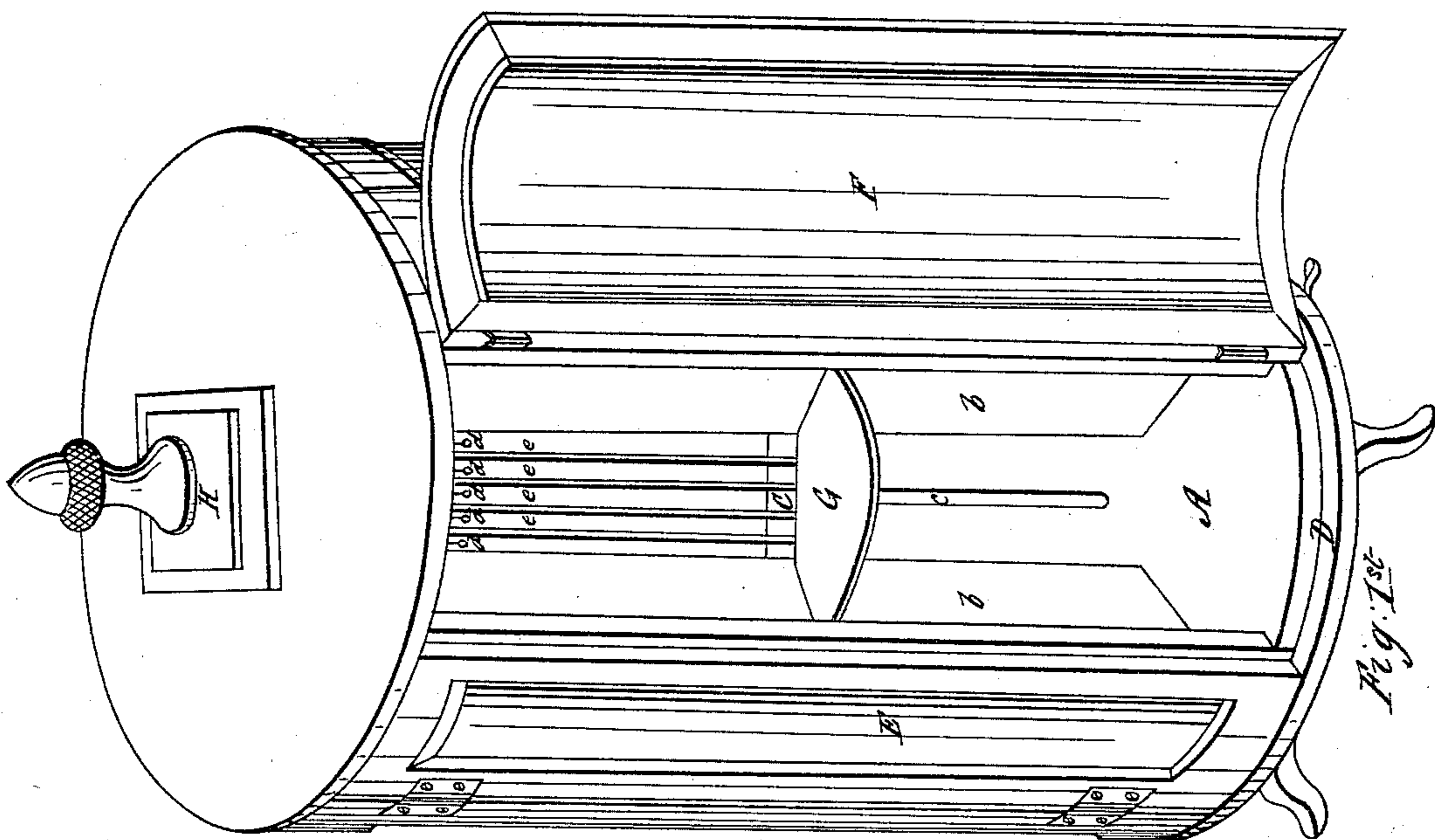


J. P. ELLICOTT.
Refrigerator.

No. 34,122.

Patented Jan. 7, 1862.



Witnesses:

Edw. P. Brown.
John L. Hayes.

Inventor:

James P. Ellicott.

UNITED STATES PATENT OFFICE.

JAMES P. ELLICOTT, OF WASHINGTON, DISTRICT OF COLUMBIA.

IMPROVED REFRIGERATOR.

Specification forming part of Letters Patent No. 34,122, dated January 7, 1862.

To all whom it may concern:

Be it known that I, JAMES P. ELLICOTT, of the city of Washington and District of Columbia, have made certain new and useful Improvements in Refrigerators, of which the following is a specification.

The nature of my invention consists in the manufacture of a refrigerator, circular or otherwise, that is subdivided into four compartments, two of which have direct communication with the ice. The other two are made air-tight and receive their temperature from the surrounding atmosphere. Each compartment is provided with a door, and the entire refrigerator is made to revolve, which makes either compartment equally accessible. The ice is situated about midway in the two compartments communicating with each other, which produces the circulation of air necessary to keep the temperature the same in all parts of the refrigerator. These two compartments are provided with hooks to hang meats and those things that it is necessary to place in direct proximity to the ice, and each of the compartments is provided with suitable shelves for convenience, &c. The ice is supported in its position by the formation of a square tube, formed by two of the sides of the zinc lining and bars placed longitudinally to allow a free circulation of air in the two compartments communicating with each other. The bottom of the tube is the drip-pan, which has a pipe attached thereto to convey the drip-water, and which is made air-tight at the bottom by an arrangement for that purpose. The advantages of this arrangement are as follows: First, the refrigerator, being rotating, makes all the apartments equally accessible; second, being divided partially into air-tight compartments makes a place for everything and prevents the amalgamation of flavors produced by crowding all kinds of edibles into one apartment; third, the great facility with which it can be kept perfectly clean; but to describe my invention more fully I will refer to the accompanying drawing, forming a part of this specification, the same letters of reference wherever they occur referring to like parts.

Figure 1 represents a perspective view. Section 1 represents the subdivision of the refrigerator into compartments. Sec. 2 represents the rotating mechanism.

Letters A A represents the two compartments having direct communication with the ice, and formed by the zinc sides *b b b*.

B B represents the two air-tight compartments and are also formed by the zinc partitions *b b b b*.

C is the ice-tube, formed by the zinc partitions *b b* and the longitudinal bars *e e e e*.

D D D D are the doorways.

E E E E are the frame-work and paneling.

F F are the doors.

G is one of the shelves.

H is the top that closes the top of the ice-tube where the ice is inserted.

I represents the bottom of the refrigerator, which rests on the pulleys N N N and revolves around the pin K, that passes through the under frames L and M.

P P P are the feet.

a a a a are the air-passages, which admit the circulation of air inside the zinc lining.

b b b b are the zinc linings which form the compartments A A and B B.

c is the drip-pipe, leading from the drip-pan C and passing through the pin K.

d d d d represent hooks to hang meats, &c.
e e e e are longitudinal bars which form the ice-bin C.

f is a trap to prevent the passage of air up the tube *c* into the refrigerator.

Having now described my invention and its operation, I will proceed to set forth what I claim and desire to secure by Letters Patent of the United States—

A rotating refrigerator subdivided into four or more compartments, as is herein described, combined and arranged with the pin K and under frames L M and pulleys N N, substantially as and for the purpose specified.

JAMES P. ELLICOTT.

Witnesses:

EDM. F. BROWN,
JOHN L. HAYES.