

No. 806,170.

PATENTED DEC. 5, 1905.

E. MOXHAM.
KEG OR VESSEL.

APPLICATION FILED APR. 27, 1904.

FIG. 1.

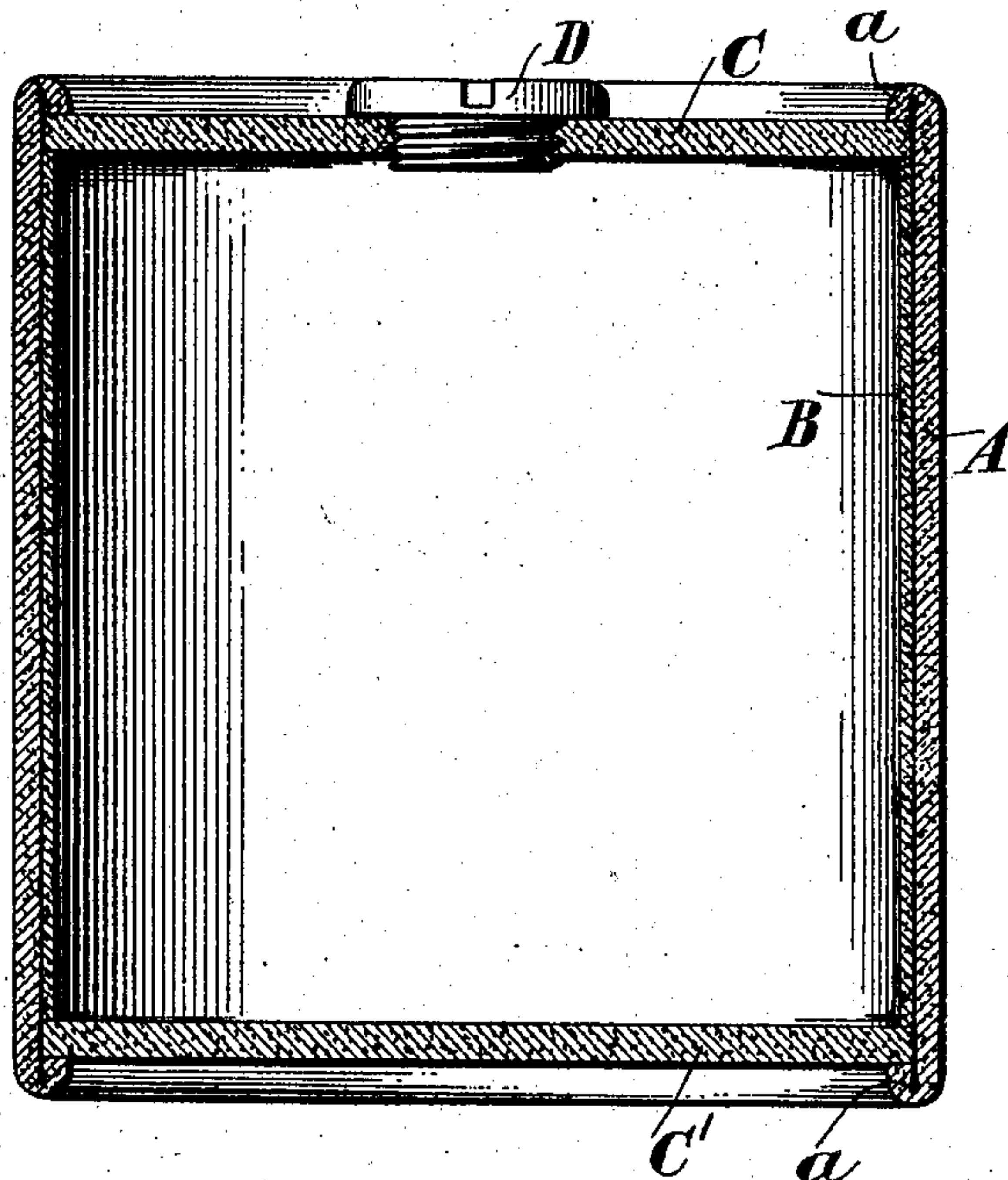


FIG. 2.

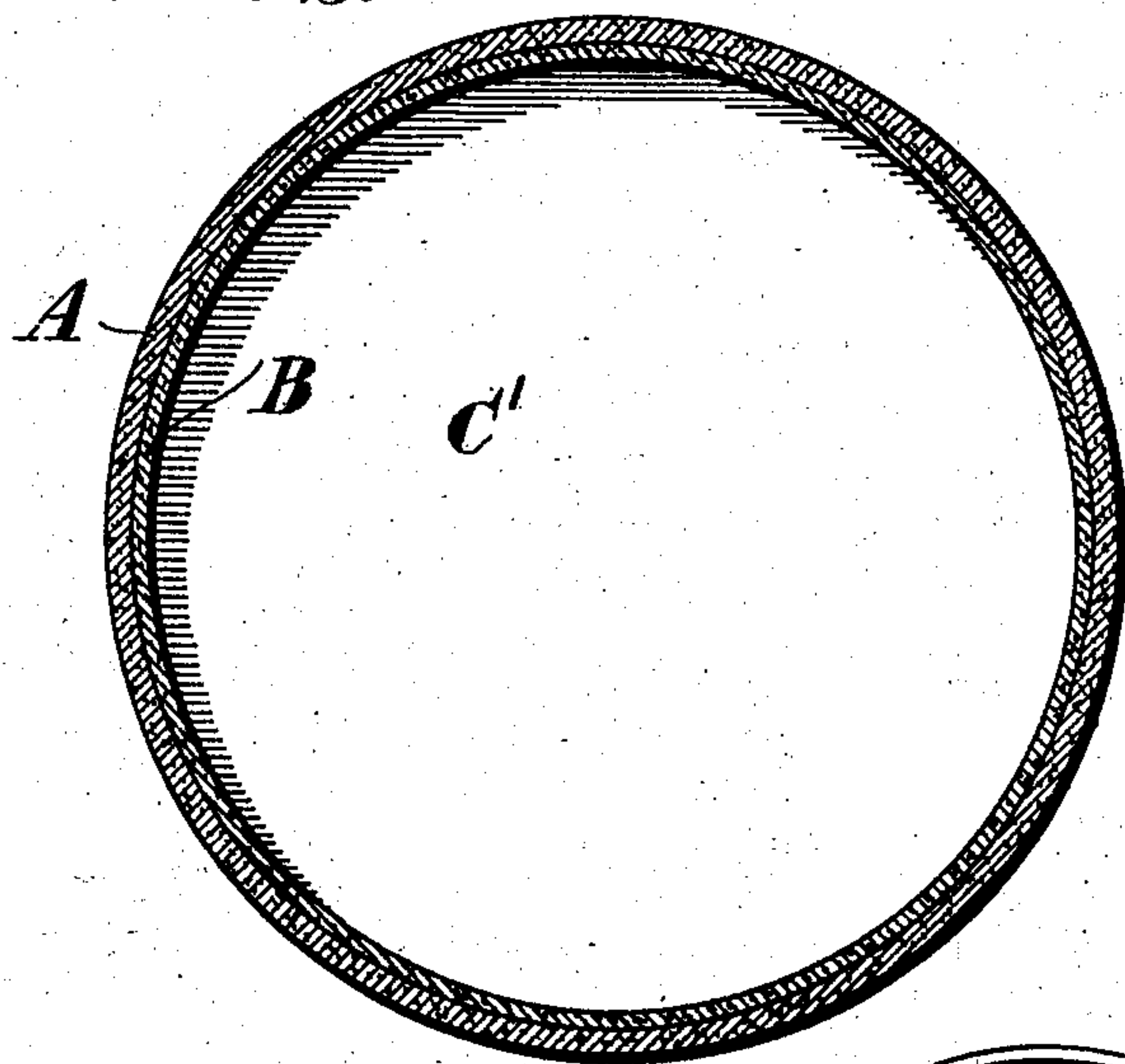


FIG. 3.

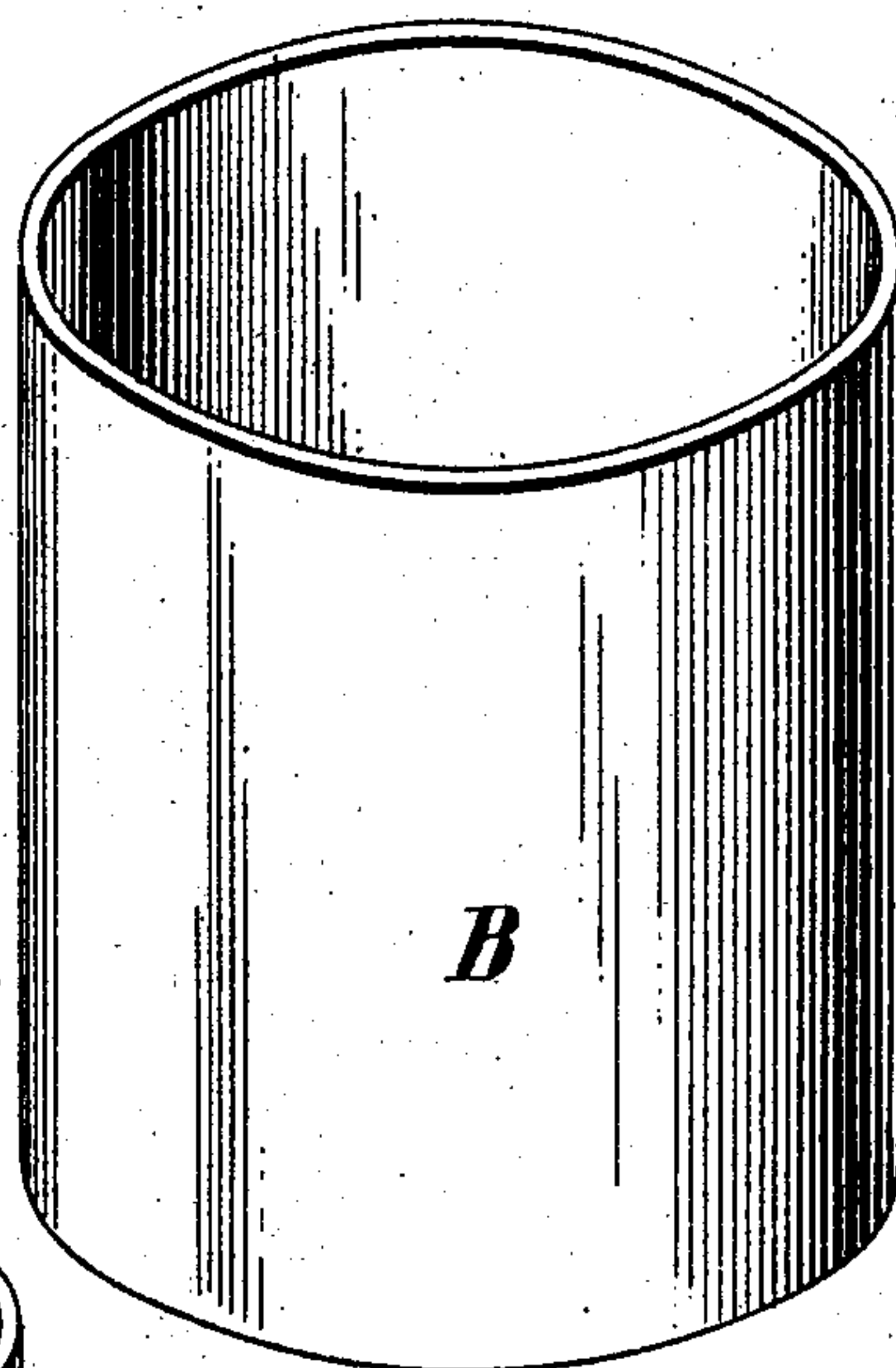
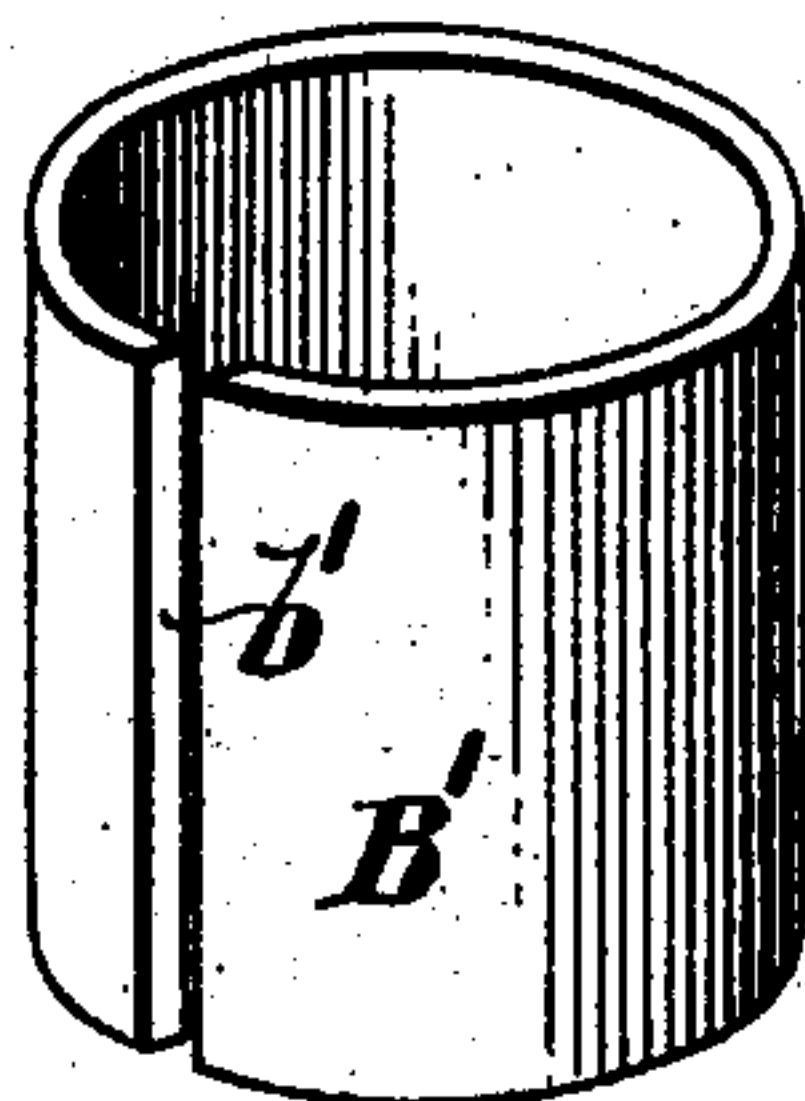


FIG. 4.



WITNESSES:

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EGBERT MOXHAM, OF WILMINGTON, DELAWARE.

KEG OR VESSEL.

No. 806,170.

Specification of Letters Patent.

Patented Dec. 5, 1905.

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To all whom it may concern:

Be it known that I, EGBERT MOXHAM, a citizen of the United States, residing at Wilmington, county of Newcastle and State of Delaware, have invented a new and useful Improvement in Kegs or Vessels, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, which form a part of this specification.

My invention has for its object certain improvements in kegs or vessels formed from pulp, paper, or similar material and used to contain powder or similar material and to form the same air-tight and impervious to moisture, durable, strong, and inexpensive. Speaking generally, I attain this object by an improvement in the means of securing the heads to the body. Specifically, I form the body in two sections, an inner and outer section, which sections may or may not be connected or secured together, the inner section being shorter than the outer section. The heads are made of such size that they preferably fit snugly on the inner cylinder. The projecting portions of the outer section are bent over upon the heads. If done while moist, the contraction of the material in drying will cause the heads to be firmly compressed by the turned-over portions of the outer section against the ends of the inner section.

I will now describe the embodiment of my invention shown in the accompanying drawings, in which—

Figure 1 is a vertical section of a keg or vessel constructed in accordance with my invention. Fig. 2 is a transverse section of the same. Fig. 3 is a perspective view of the inner section of the body. Fig. 4 is a perspective view of a modified form of construction of the inner section of the body.

A is the outer section of the body of the keg, and B is the inner section of the body, both preferably made of pulp rolled in the form of tubes. These sections are of slightly different diameters, so that the section B may be inserted in section A and makes a snug fit. The two sections may be secured together by cement, if desired. C and C' are the heads of the vessel or keg, also preferably made of

pulp, and are fitted within the outer section A and abut against the ends of the inner section B. The ends *aa* of the outer section are crimped or turned over, preferably when in a moist condition, tightly over the heads C and C', securing the heads in place between the turned-over ends *aa* and the ends of the inner section B.

D is a plug or stopper made in the form of a screw-plug and tapped into one of the heads.

Fig. 4 shows an inner section B', cut out longitudinally at *b'* and having, preferably, scarfed edges. This arrangement represents a form of making the inner body, although the preferable arrangement is to make the inner section a solid tube, as shown in Fig. 3.

In the manufacture of this vessel the inner section is preferably set up in a substantially dry condition or much drier than the outer section, which is then placed over it in a moist condition and surrounds it. The heads are inserted within the outer section, resting against the ends of the inner section. The ends of the outer section are turned over against the heads, and the keg is set to dry. The outer body contracts very materially in drying and firmly secures itself to the inner body, and the contraction also secures the heads in place against the ends of the inner section between the turned-over ends of the outer section.

While I prefer the use of pulp, paper, or similar material, the keg can be made of steel or any other flexible material. A bearing can be secured by flanging the inner cylinder and the necessary shrinkage by heating the outer cylinder.

Having now fully described my invention, what I claim, and desire to protect by Letters Patent, is—

1. A keg or vessel comprising an inner and outer body-section, a head resting upon one end of the inner section, a head resting upon the other end of the inner section, the ends of the outer sections being bent against the outer faces of their corresponding heads and maintained in locking contact therewith by longitudinal shrinkage of the outer body-section.

2. A keg or vessel comprising an inner and outer body-section, a head resting upon one end of the inner section, a head resting upon

the other end of the inner section, the ends of
the outer section being bent against the outer
faces of their corresponding heads, the two
sections being secured together by circumfer-
5 ential shrinkage and the heads maintained in
position by longitudinal shrinkage of the outer
body-section.

In testimony of which invention I have here-
unto set my hand, at Wilmington, Delaware,
on this 25th day of April, 1904.

EGBERT MOXHAM.

Witnesses:

DAVID B. CURLETT,
L. R. BEARDSLEE.