

(No Model.)

2 Sheets—Sheet 1.

G. M. G. WESTON.
CHAMBER VESSEL ATTACHMENT.

No. 541,219.

Patented June 18, 1895.

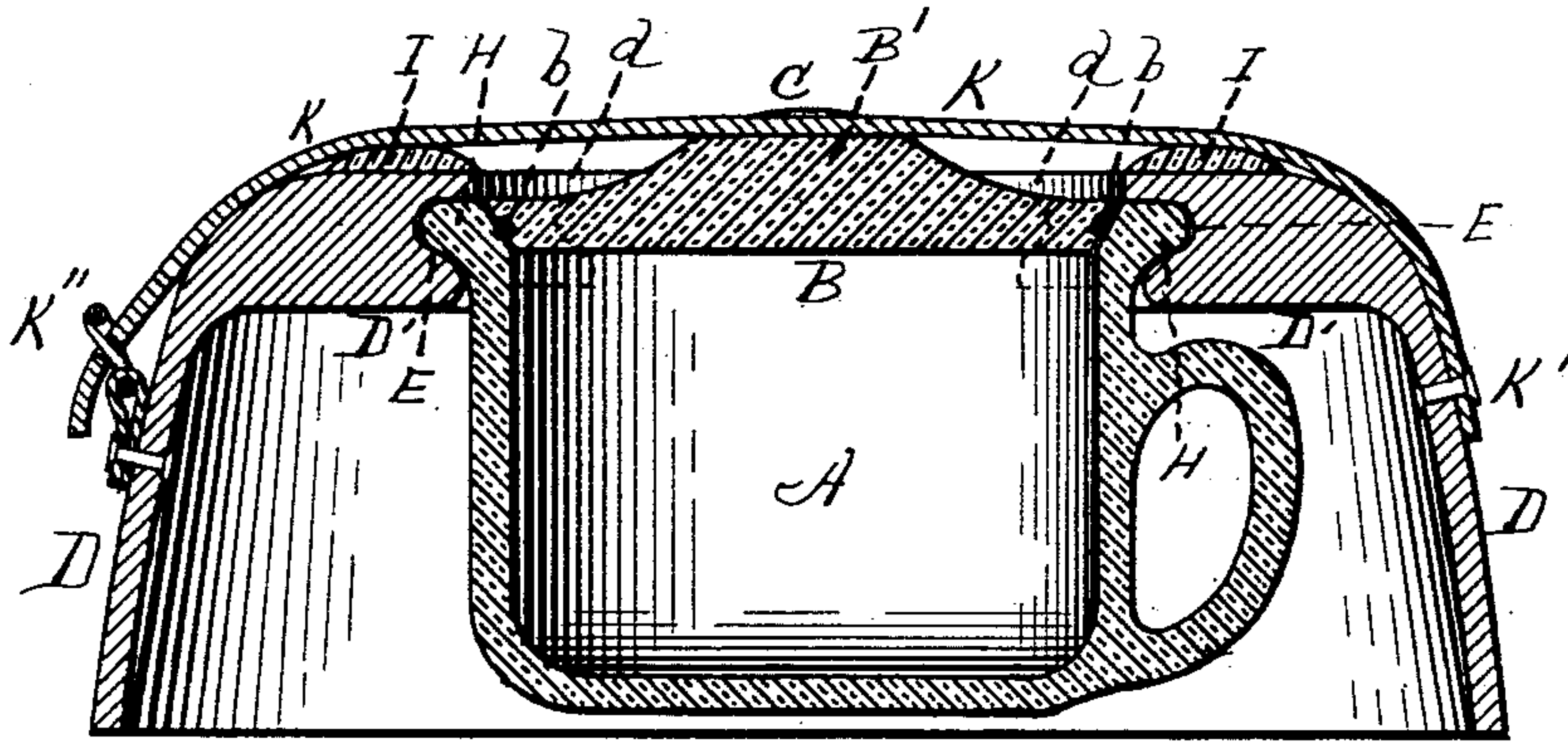
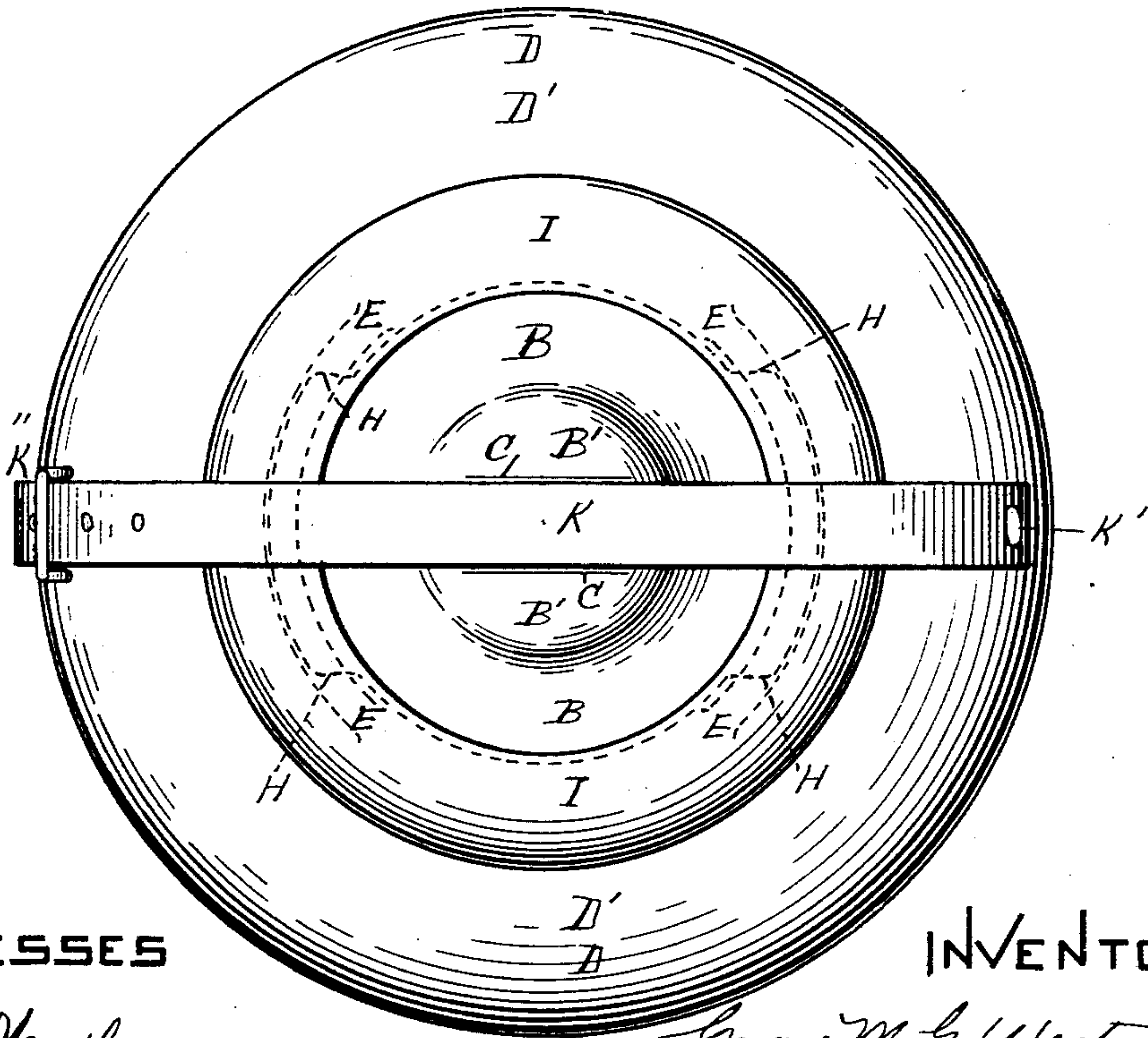


Fig. 1.



WITNESSES

E. A. Woodbury.
A. A. Bonney

INVENTOR

Fig. 2.

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By her Atty.

Henry Williams

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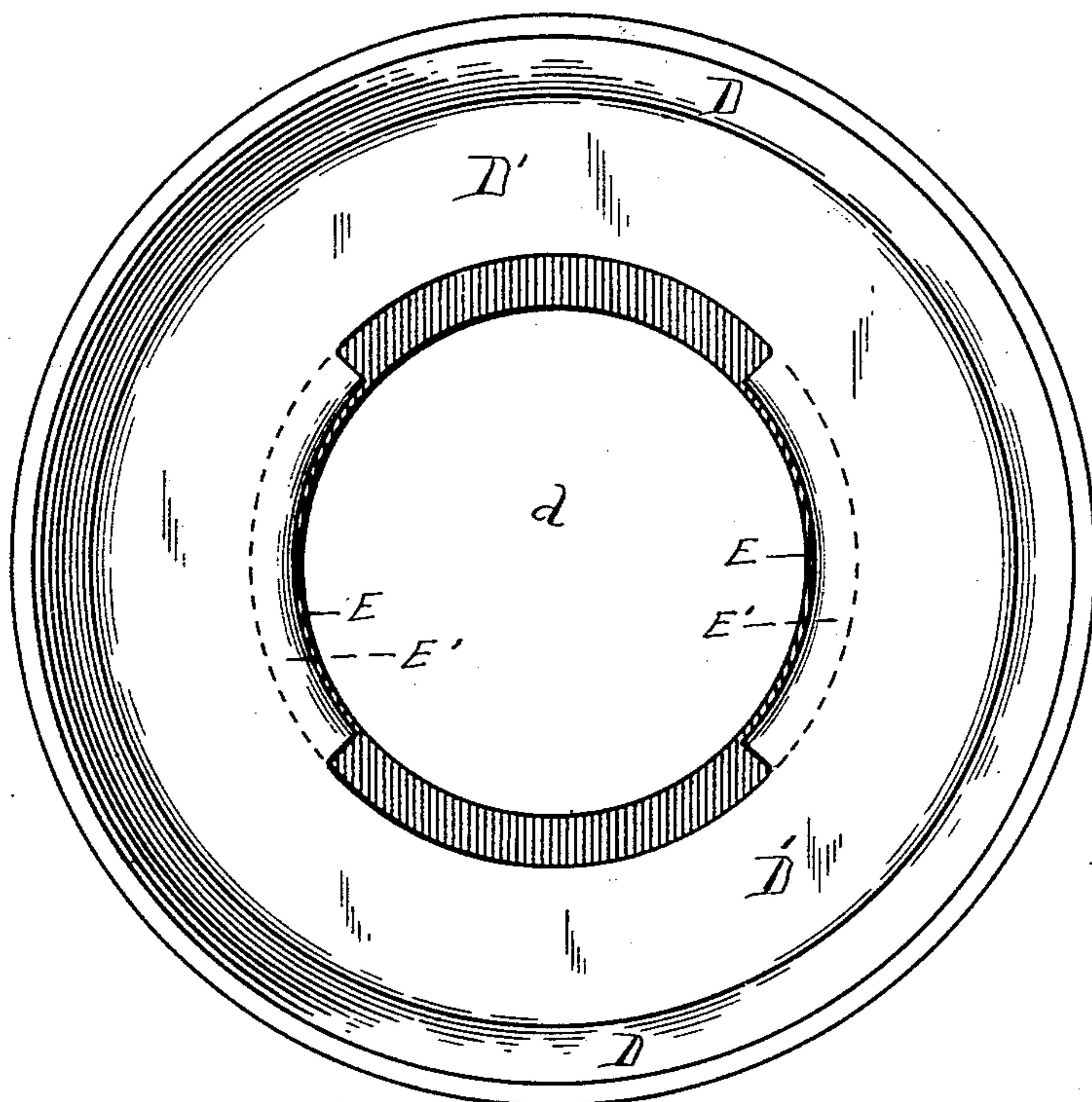
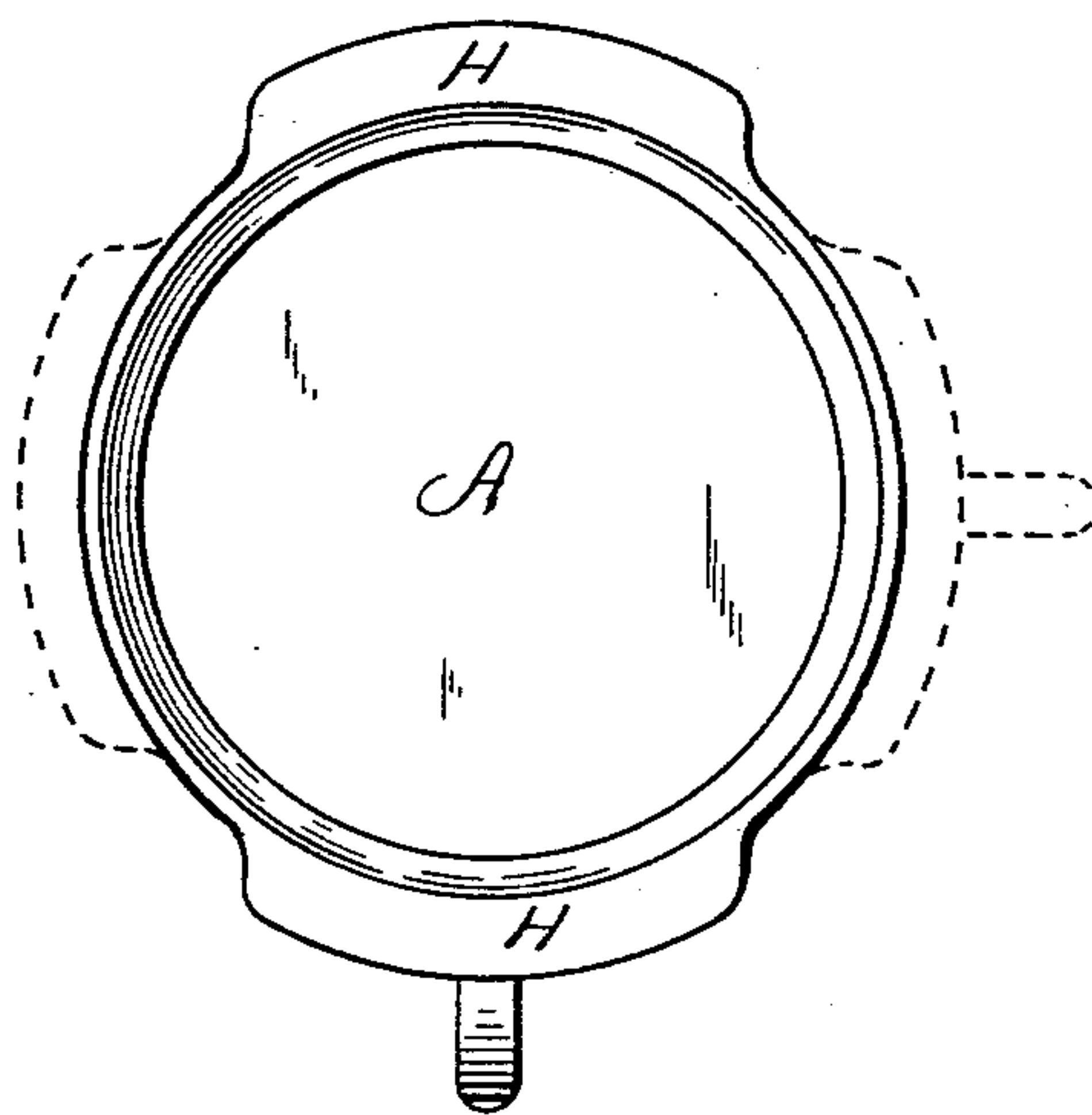


Fig. 3.



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UNITED STATES PATENT OFFICE.

GRACE M. G. WESTON, OF CHELSEA, MASSACHUSETTS.

CHAMBER-VESSEL ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 541,219, dated June 18, 1895.

Application filed October 29, 1894. Serial No. 527,123. (No model.)

To all whom it may concern:

Be it known that I, GRACE M. G. WESTON, a citizen of the United States, residing in Chelsea, in the county of Suffolk and State of Massachusetts, have invented a new and Improved Chamber-Vessel Attachment, of which the following is a specification.

This is a supporting frame or attachment adapted to be applied to chamber vessels, and particularly intended for the use of children and persons traveling. Its principal advantages are that it provides a broad base for the vessel, whereby it is prevented from upsetting; it protects the person of the user from contact with the vessel, thereby preventing danger of accident by reason of breakage and preventing chills and chilly sensations by the child or invalid using it; obviates danger of cutting the flesh, as chairs are apt to do, and occupies but little space either in use or when packed.

The nature of the invention is fully described below, and illustrated in the accompanying drawings, in which—

Figure 1 is a central vertical section of my device applied to its use in connection with a chamber-vessel. Fig. 2 is a plan view of the same. Fig. 3 is a plan view of the under side of the frame or support with the vessel removed therefrom. Fig. 4 is a plan view of the vessel, broken lines indicating its position when turned into and supported by the frame.

A represents a chamber vessel constructed in the main substantially as usual. This vessel is provided with a cover B, whose edge is grooved to receive a peripheral ring or gasket b, made preferably of rubber, whereby the beveled edge may make a tight joint with the correspondingly beveled inner surface of the vessel A. The cover is raised or thickened centrally at B', and at this point is provided with a horizontal groove C, for the purpose mentioned below.

D is a circular frame or support, made preferably of some light, strong, tough material, such as indurated fiber or papier-maché, said frame being provided with a top D', preferably somewhat thicker, for strength, formed with a central opening d sufficiently large to allow of the removal of the cover B. The edge of the top D' which surrounds the open-

ing d, is provided with opposite grooves E, of substantially the shape shown in Fig. 1 and of the length shown in broken lines in Fig. 2, said grooves being horizontal, curved, and produced by the under opposite arc-shaped extensions E' (Figs. 1 and 3), and the edge of the opening.

The vessel A is provided at its upper edge with opposite horizontal flanges H (see Fig. 4 and broken lines in Fig. 2) which are adapted to fit into the grooves E. These flanges H are a little shorter than the grooves E and are also shorter than the spaces between the grooves, so that the vessel can be inserted in the supporting frame from the under side and its flanges raised between the grooves to the level thereof, when by rotating the vessel from the position shown in full lines in Fig. 4 to that shown in broken lines in said figure its flanges will be slipped into the grooves. The vessel will then be slightly raised from the floor, say one eighth to one quarter of an inch.

An annular pad or cushion I may be provided on the frame around the opening, thus insuring a soft seat, and a strap K may be fastened at K' to one side of the frame, and extending through the groove C in the cover holds it firmly down while the device is being transported, the opposite end of the strap being secured to a buckle K'' attached to the opposite side of the frame.

In practice, it is found that young children use this device much more contentedly than the ordinary vessel, while its qualities recommend it to the sick in place of the ordinary bed-pan. Persons traveling find it a convenience which occupies but little space, its extreme diameter being say twelve inches and its extreme height say four and a half inches, while the material of which it may be constructed, such as indurated fiber, is very light. The broad base of the frame renders upsetting practically impossible.

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

1. In combination, the supporting frame D D' provided with the fastening band K adapted to extend across the opening in said frame, the chamber vessel and the cover B

having its center B' provided with a horizontal groove for receiving said band, substantially as described.

2. In a device of the character described, a
5 chamber vessel provided with the horizontal flanges H extending partially around said vessel, and the supporting frame provided beneath the edge of the seat-opening with the inwardly projecting horizontal extensions
10 E' extending partially around said opening,

whereby grooves E are formed between said extensions and the edge of the seat-opening, so that the vessel can be raised into engagement with the frame, substantially as set forth.

GRACE M. G. WESTON.

Witnesses:

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E. A. WOODBURY.