

John B. Barsaloux. Barrel Head.

116398

PATENTED JUN 27 1871

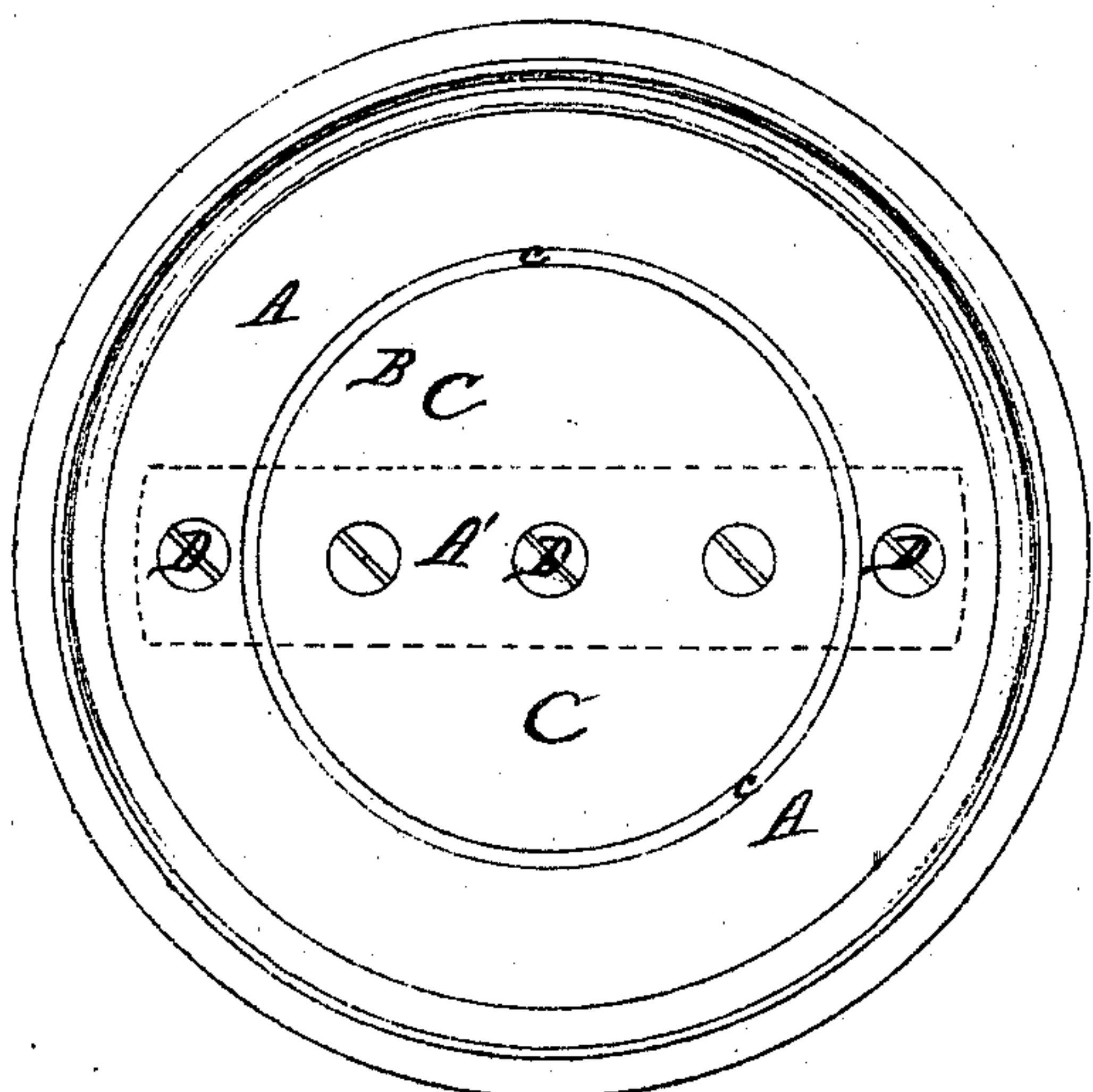


Fig. 1.

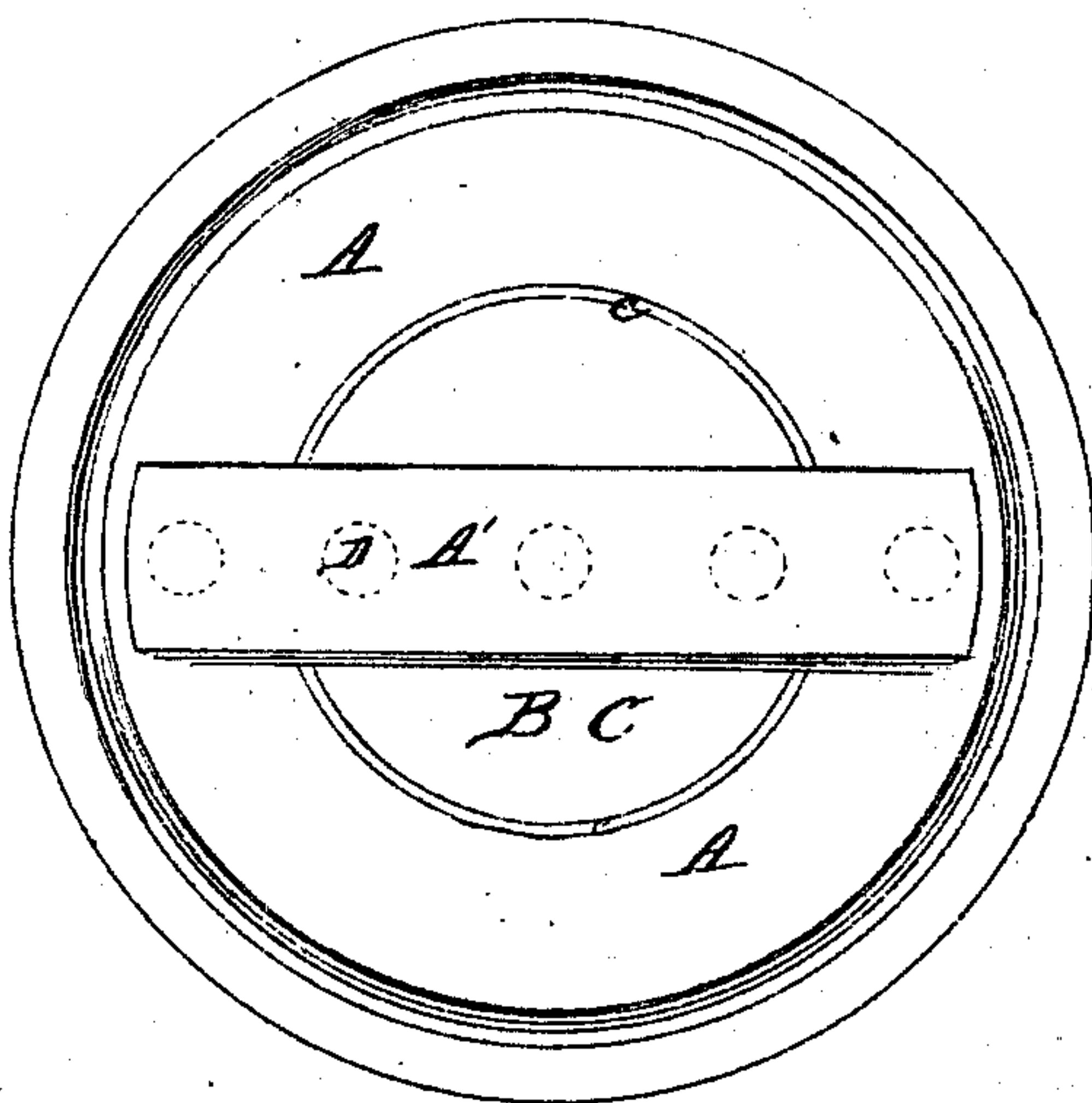


Fig. 2.

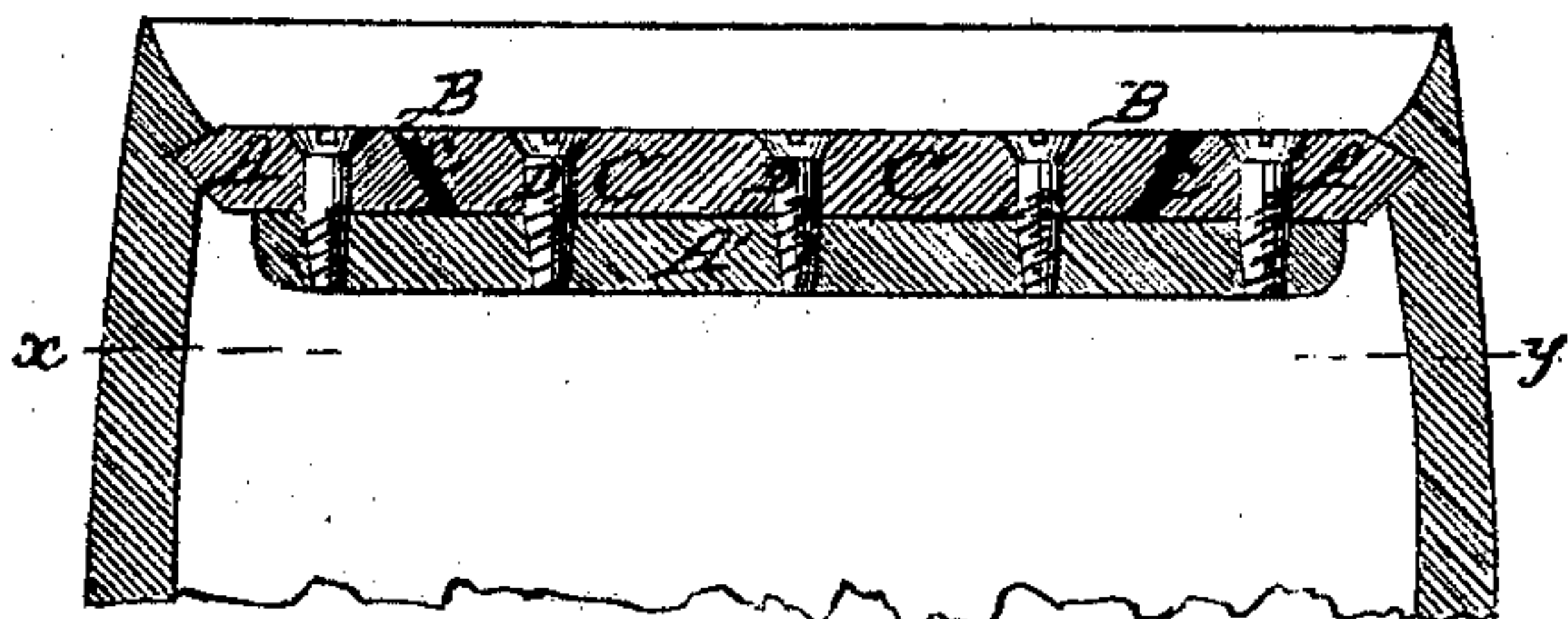


Fig. 3.

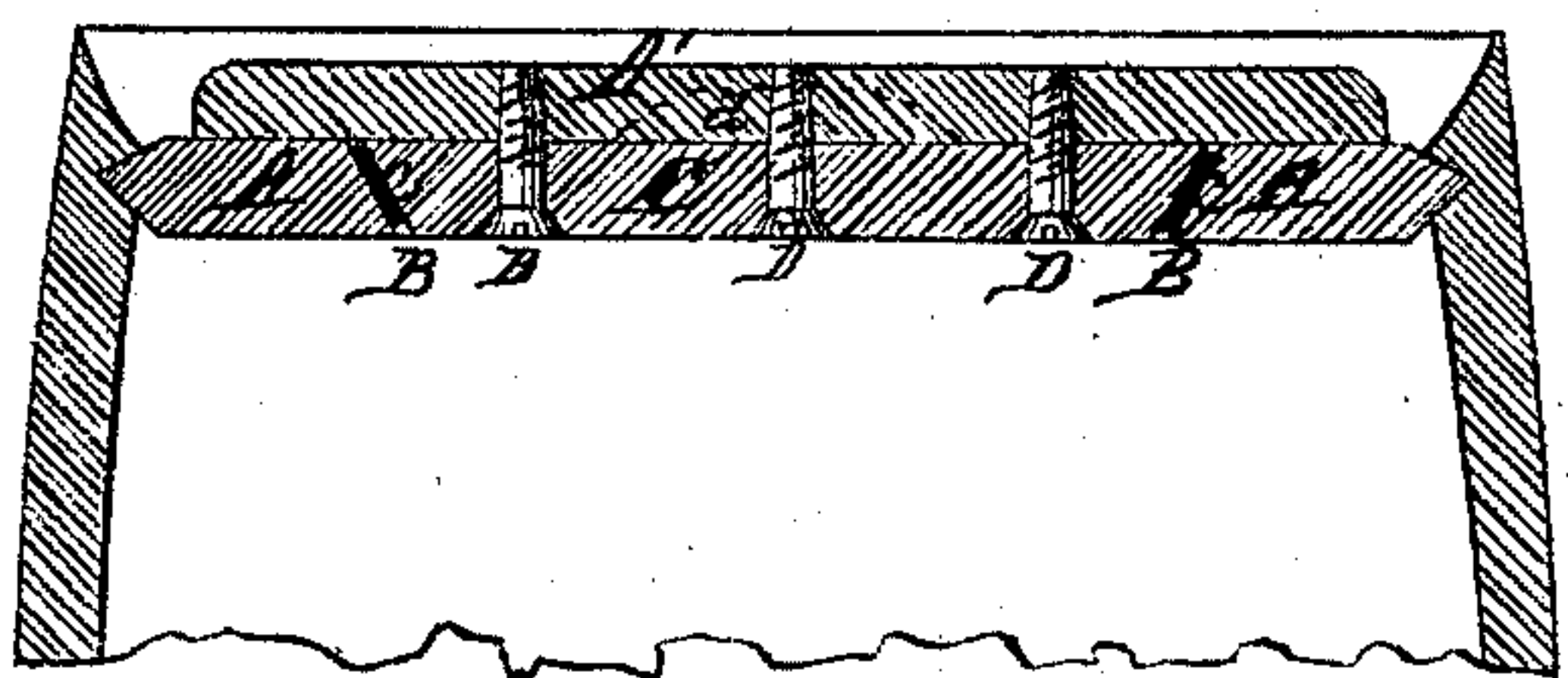


Fig. 5.

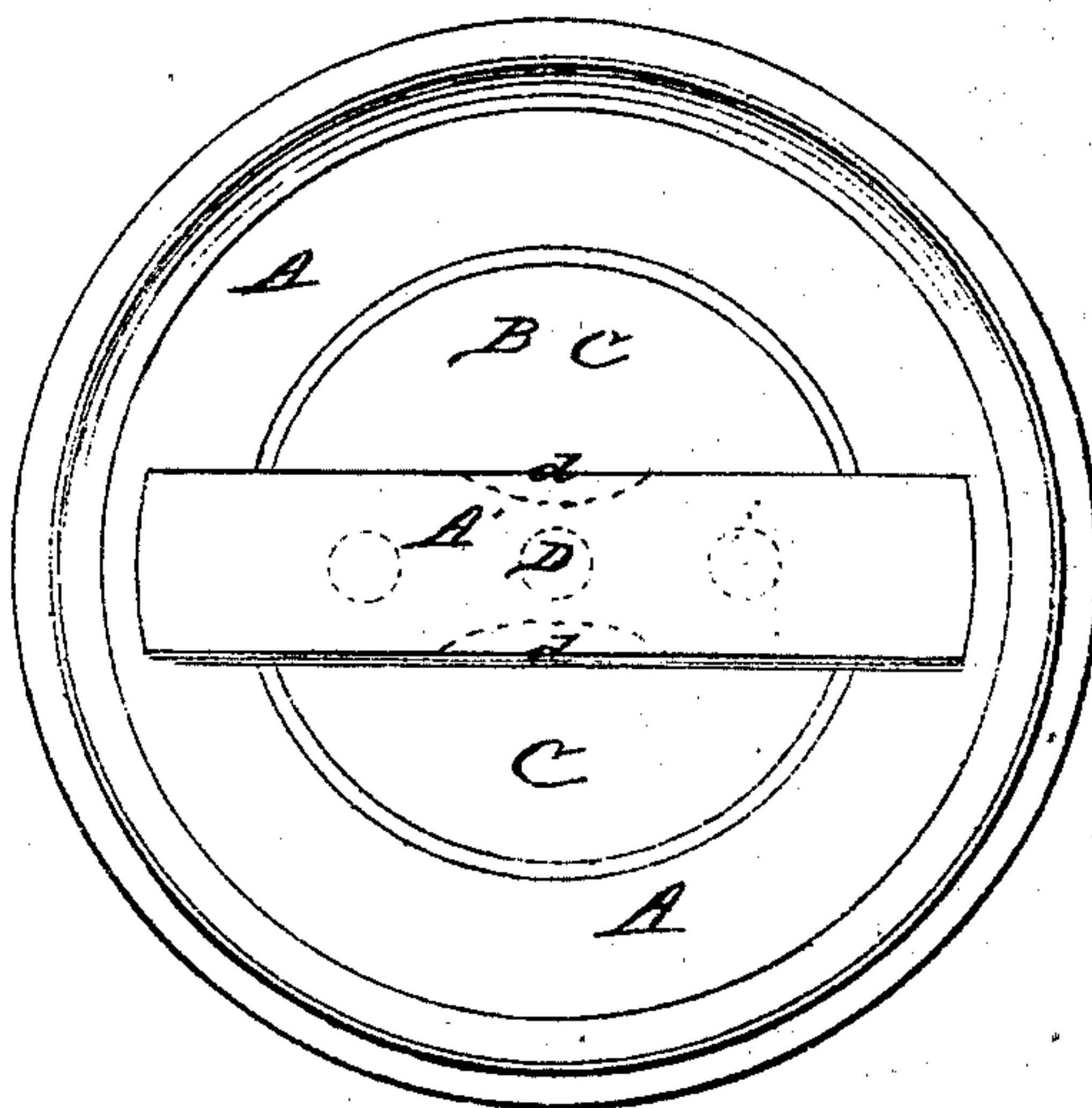


Fig. 4.

Witnesses:

J. W. Lathrop

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UNITED STATES PATENT OFFICE

JOHN B. BARSALOUX, OF ST. LOUIS, MISSOURI.

IMPROVEMENT IN BARREL-HEADS.

Specification forming part of Letters Patent No. 116,398, dated June 27, 1871.

To all whom it may concern:

Be it known that I, JOHN B. BARSALOUX, of St. Louis, in the county of St. Louis and State of Missouri, have made certain new and useful Improvements in Heads for Barrels, Casks, &c.; and I do hereby declare that the following is a full and true description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon.

It is well known that in the use of the ordinary constructed barrels for the storage, transportation, and preservation of pickles, mackerel, fish, and similar articles kept in acetic and other liquids, the heads of the barrels, in order to be removed, necessitate the removal of the top hoops, whereby the staves become loosened and the liquid matter contained partially escapes and is lost, and otherwise said barrels unnecessarily expose the contents, and in their use incur extra expense, labor, and time. To avoid said inconveniences and to form an improved barrel-head, the nature of this invention chiefly consists in forming a chamfered man-hole in the ordinary barrel-head, in which a corresponding-shaped head piece is fitted, as now to be more fully described.

To enable those herein skilled to make and use my said invention, I will now more fully describe the same, referring to the accompanying Figure 1 as a top plan; to Fig. 2 as a bottom plan; to Fig. 3 as a central section at line *xy*; and to Figs. 4 and 5 as top plan and sectional plan, respectively, showing parts forming a lid or cover.

A is the head, its chimes united by an under strip, A', all secured, constructed, and fitted in a barrel in manner usual. Centrally in said head I form a man-hole, B, its circular edges chamfered, as shown in Figs. 3 and 5. C is a head-piece, correspondingly shaped to fit in the man-hole B. To form an air-tight joint in said center-head C I provide its circular chamfered edge with a rubber or other suitable packing, *c*, as clearly shown in Fig. 3. The center piece C I secure to the under strip A' by screws D or other suitable fastenings, in

any proper manner. The center piece C, fitted in the man-hole and secured to the strip A', as shown in Figs. 1, 2, and 3, forms a closed head for barrels ready for shipping, transportation, and storage purposes. To open said barrel or barrels all screws D are unfastened, the center head C and strip A' are removed, and the contents are readily attainable through the man-hole B. For retailing, household, and similar purposes, where the contents are frequently to be reached, the under strip A' is secured to the center head C in any proper manner, forming a readily-removable cover or lid, as clearly shown in Figs. 4 and 5, said strip A' for this purpose having thumb-holds *d*.

It will be observed that in the use of my invention the head A remains fitted in the barrel, thus saving the same and its contents from undue waste and damage.

For barrels, casks, &c., used for shipping, storing, and otherwise preserving liquids and articles kept in liquids, my invention is specially adapted, being practical and saving in its use. Also, it is plain that, for barrels used for storing or shipping different grain, flour, fruit, and similar merchantable articles, and for retailing and household purposes, my said improvement finds a wide range of application, with advantages of economy, safety, and utility.

Having thus fully described my said invention, what I claim is—

A barrel-head formed of a chamfered center head, C, having packing *c*, when arranged and secured in a corresponding-shaped man-hole, B, in combination with the head or chimes A and strip A' of an ordinary barrel, substantially as and for the purpose described.

In testimony of said invention I have hereunto set my hand.

J. B. BARSALOUX.

Witnesses:

WILLIAM W. HERTHELL,
ROBERT BURNS.