

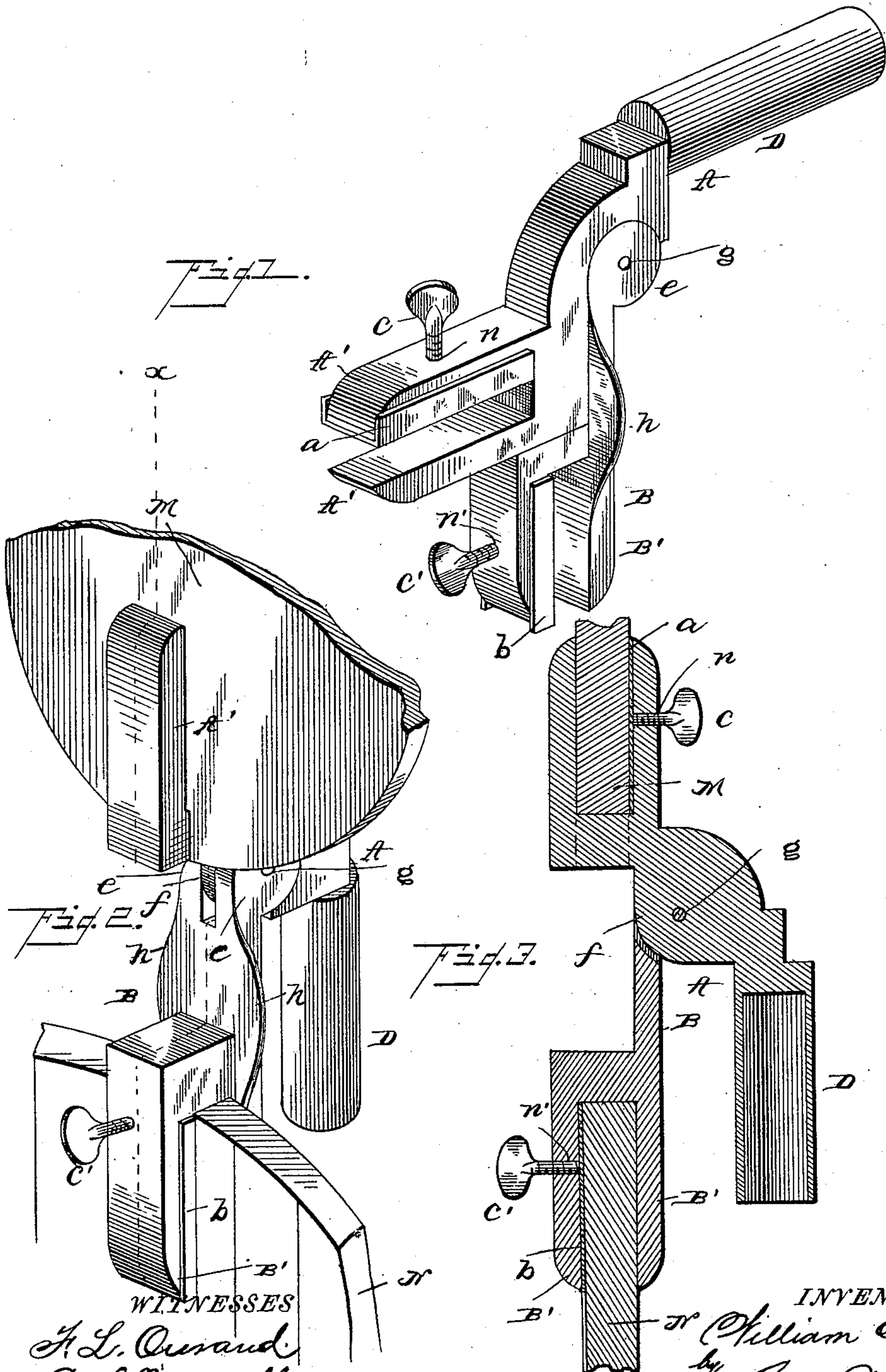
(No Model.)

W. T. HOSEA.

ADJUSTABLE COVER HOLDING HINGE FOR BUCKETS, &c.

No. 407,594.

Patented July 23, 1889.



WITNESSES  
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# UNITED STATES PATENT OFFICE.

WILLIAM THOMAS HOSEA, OF MAGNOLIA, ALABAMA.

## ADJUSTABLE COVER-HOLDING HINGE FOR BUCKETS, &c.

SPECIFICATION forming part of Letters Patent No. 407,594, dated July 23, 1889.

Application filed March 5, 1889. Serial No. 301,898. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM THOMAS HOSEA, a citizen of the United States, and a resident of Magnolia, in the county of Marengo and State of Alabama, have invented certain new and useful Improvements in Hinges for Fastening Lids on Water-Buckets; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

My invention relates to certain new and useful improvements in cover-holding hinges for buckets, crates, tubs, and the like; and it consists in the arrangements of parts, as hereinafter more fully set forth and explained in the specification.

The object of my invention is to produce a hinge so constructed as to allow its removal from the box, bucket, barrel, or to whatever it may be applied without damage ensuing thereto, and at the same time to allow its being readily secured to another case, bucket, or barrel without trouble or loss of time.

A further object in my invention is to produce a hinge so constructed as to allow its being adjustably secured to the bucket, barrel, or crate, as well as to allow the cover of the vessel to be removably secured to said hinge.

My invention further consists in a hinge with the characteristics above stated, with means for securing thereto the dipper or handle which is used in the removal of the contents from the barrel.

Having thus stated generally the objects of my invention, I will now proceed, by reference to the accompanying drawings, to point out more specifically the details thereof, so as to enable others more readily to understand the workings of the same.

Referring to the drawings, Figure 1 is a perspective view of my improved device. Fig. 2 is a similar view of the same as applied to a barrel, showing the upper section of the hinge thrown back. Fig. 3 is a sectional view taken on line *x x* of Fig. 2, and showing the top of the barrel in a raised position.

A and B represent the bifurcated wings which form the hinge proper, and having metallic strips *a b* secured to their inner faces,

and against which the thumb-screws *c c'* impinge. These strips or plates have their edges bent or turned, so as to form clamping-jaws to retain said plates in their proper position. The wing A is formed or provided with an outer extended cylindrical case D, which case is made hollow for the purpose of securing the dipper therein. The wing A of the hinge is also provided with the curved reduced projecting piece *f*, which fits into the bifurcated portion at the upper end of the wing B, which portion I denote by the letters *e e*, and the whole is secured together by the pivot *g* passing through the same, thereby forming the pivotal connection of the wings A and B.

In case the openings formed between the wings A and B are too wide for the barrel-cover and the rim of the barrel, or, in other words, when these parts do not fit snugly within their appropriate openings, by means of the thumb-screws *c c'*, passing through suitable screw-threaded holes *n n'*, respectively, in the wings A and B, I am enabled to adjust the plates or strips *a b* so that the same may bear firmly against the upper face of the cover and inner face of the barrel.

The operation of my device is as follows: The arms *B' B'* of the wing B fit over the edge of the barrel N, and are secured rigidly thereto by the tightening of the metallic strip *b*, by means of the thumb-screw *c'*, at any desired height. The cover for the barrel, bucket, or crate is inserted between the arms *A' A'* of the wing A, and is in like manner rigidly secured therein by means of a metallic plate *a* and the thumb-screw *c*. This cover is notched, as shown in the drawings, whereby the rim of the same may be brought flush with the rear edge of the arm A. The central portion of the rear arm of wing B is widened or formed or provided with flanges or webs *h h*, against which the periphery of the cover is adapted to bear when inserted in the upper wing A. These flanges also serve to strengthen or re-enforce the rear arm of said lower wing, whereby the same is enabled to withstand the pressure necessarily exerted. Having thus secured the hinge to the barrel and the cover within the arms of the wing A, the same is raised or lowered by the downward or upward pressure exerted upon the cylindrical case D.

As above stated, I have shown my device as



being provided with a hollow cylindrical case D. The purpose of this is to allow the end of the dipper or hook for removing the contents of the barrel to be inserted therein, thereby  
5 providing for its always being conveniently at hand when required, and preventing the loss of time which would otherwise result, when not thus secured, in looking for the same. This opening in the case is of sufficient diam-  
10 eter to permit the handle of the dipper to fit snugly therein, so that while the same may be withdrawn without difficulty, still it will fit closely enough within the opening to prevent its working out.

15 Having thus fully described my invention, what I claim as new, and desire to secure protection in by Letters Patent of the United States, is—

20 1. The hinge consisting of the pivotally-connected wings provided with arms, substantially as and for the purpose herein shown and described.

25 2. The herein-described hinge, consisting of the pivotally-connected wings provided with arms, the metallic strips fitting between the

arms, and thumb-screws working in holes provided therein and impinging against said strips, as and for the purpose set forth.

3. The herein-described hinge for raising and lowering the covers of barrels, buckets, 30 and the like, consisting of the pivotally-connected wings provided with arms, the upper wing thereof having the hollow cylindrical outward-extending portion forming the dipper-holder, and the lower wing being provided 35 with flanges, as and for the purpose set forth.

4. The combination, in a hinge for raising and lowering covers for buckets and the like, of the bifurcated wings A B, metallic strips *a b*, thumb-screws *c c'*, flanges *h h*, and the 40 hollow cylindrical dipper-holder D, substantially as and for the purpose herein shown and described.

In testimony that I claim the foregoing as my own I have hereunto affixed my signature 45 in presence of two witnesses.

WILLIAM THOMAS HOSEA.

Witnesses:

WILLIAM R. BOLEN,  
JOHN M. TUILLEY.