

E. FOOTE.

HEADS FOR BARRELS AND KEGS.

No. 169,350.

Patented Nov. 2, 1875.

Fig. 3.

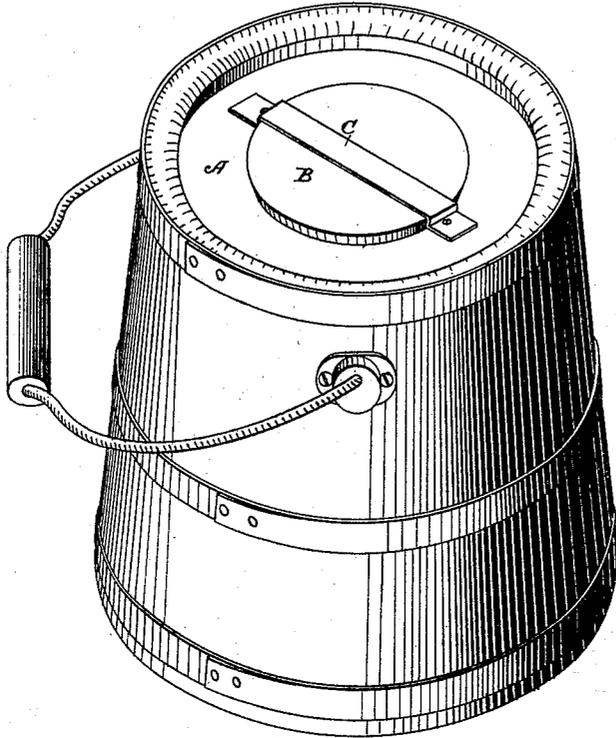


Fig. 1.

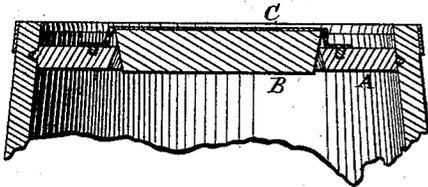
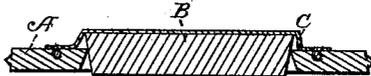


Fig. 2.



Attest:

E. L. Schmidt
N. H. Lyon

Inventor:

Edward Foote
By A. R. Brown
Atty.

UNITED STATES PATENT OFFICE.

EDWARD FOOTE, OF NORTH SOMERVILLE, MASSACHUSETTS.

IMPROVEMENT IN HEADS FOR BARRELS AND KEGS.

Specification forming part of Letters Patent No. **169,350**, dated November 2, 1875; application filed September 21, 1875.

To all whom it may concern:

Be it known that I, EDWARD FOOTE, of North Somerville, in the county of Middlesex and State of Massachusetts, have invented certain new and useful Improvements in Heads for Barrels and Kegs, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, and to the letters of reference marked thereon, forming a part of this specification.

My invention relates to the construction of heads for barrels, kegs, pails, and similar wooden packages; and consists in making the head in such a manner as to exclude air and insects, and at the same time provide ample space for filling or emptying without unheading the package, as will be hereinafter more fully set forth.

In the drawings, Figure 1 represents a sectional view of the upper part of a keg or pail with the improved head. Fig. 2 is an edge view of the head in section, showing the manner in which the adjustable part rests when in position; and Fig. 3 is a perspective view of a complete pail.

The object of my invention is to provide a means of removing a part of the head of a barrel, keg, or pail, for the purpose of filling or removing its contents, without disturbing the hoops of the vessel, and thus preventing the destruction of the contained goods by the evaporation of fluids or access of insects to the contents of the package.

For accomplishing this purpose the head of the barrel or keg is made in two parts—an outer or permanent head, A, and a central or removable head, B. The permanent or main head has an opening in the center graduated to the size of the vessel, and is made with beveled edges, as shown in Fig. 2 of the drawings.

The removable head is intended to act as a stopper for closing the opening, and is also made with a beveled edge. It is adjusted in a reverse position, as shown in the drawings, being driven into the opening about one-half its thickness, or less, as may be desired. The upper part of the stopper, being slightly larger than the opening into which it is introduced, is wedged firmly in position, and is not liable to become loose, but may be released by striking a few blows on one side, when the opposite edge will spring upward toward the corresponding edge of the main head, and so permit its being easily withdrawn.

For purposes of transportation, additional security is afforded by the strap C, which is passed over the stopper, and fastened to the main head, thus perfectly sealing the package.

The advantages of this method of closing the heads of barrels, kegs, or other packages intended for the reception of pickles, preserves, and similar goods are obvious, as, by excluding air and insects from the contents of the vessel, great damage is avoided that would otherwise occur; and while ample facilities are afforded for removing the goods when required, the package may yet be quickly sealed and shipped from place to place without loss of its contents.

I claim as my invention—

The barrel-head herein described, constructed in two parts, A and B, with beveled edges, relatively arranged as shown, the removable portion B being secured by the strap C, all as and for the purpose set forth.

EDWARD FOOTE.

Witnesses:

JAMES F. READ,
E. L. SCHMIDT.