

(No Model.)

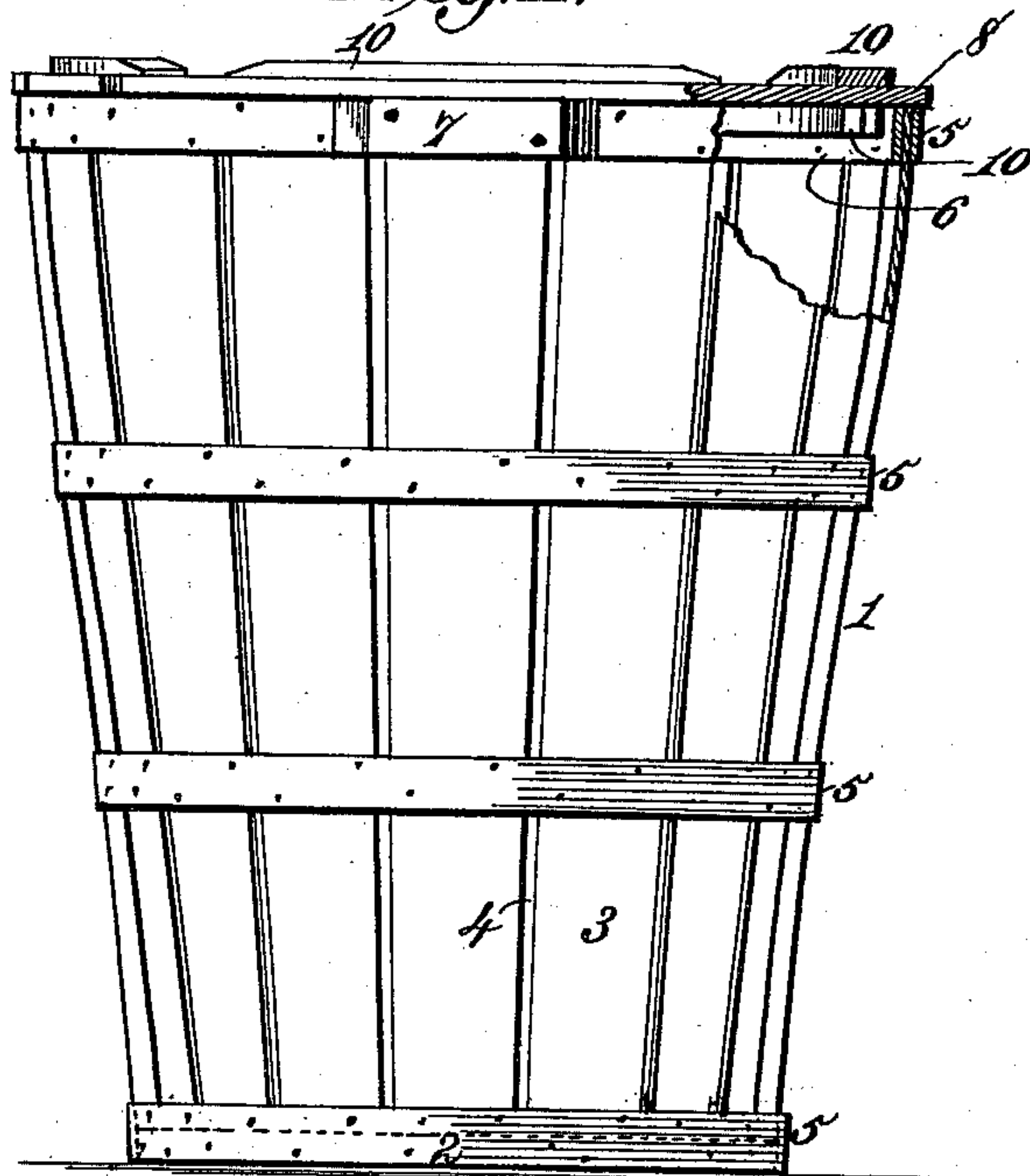
J. H. MARVIL & J. ROBINSON.

HALF BARREL PACKAGE.

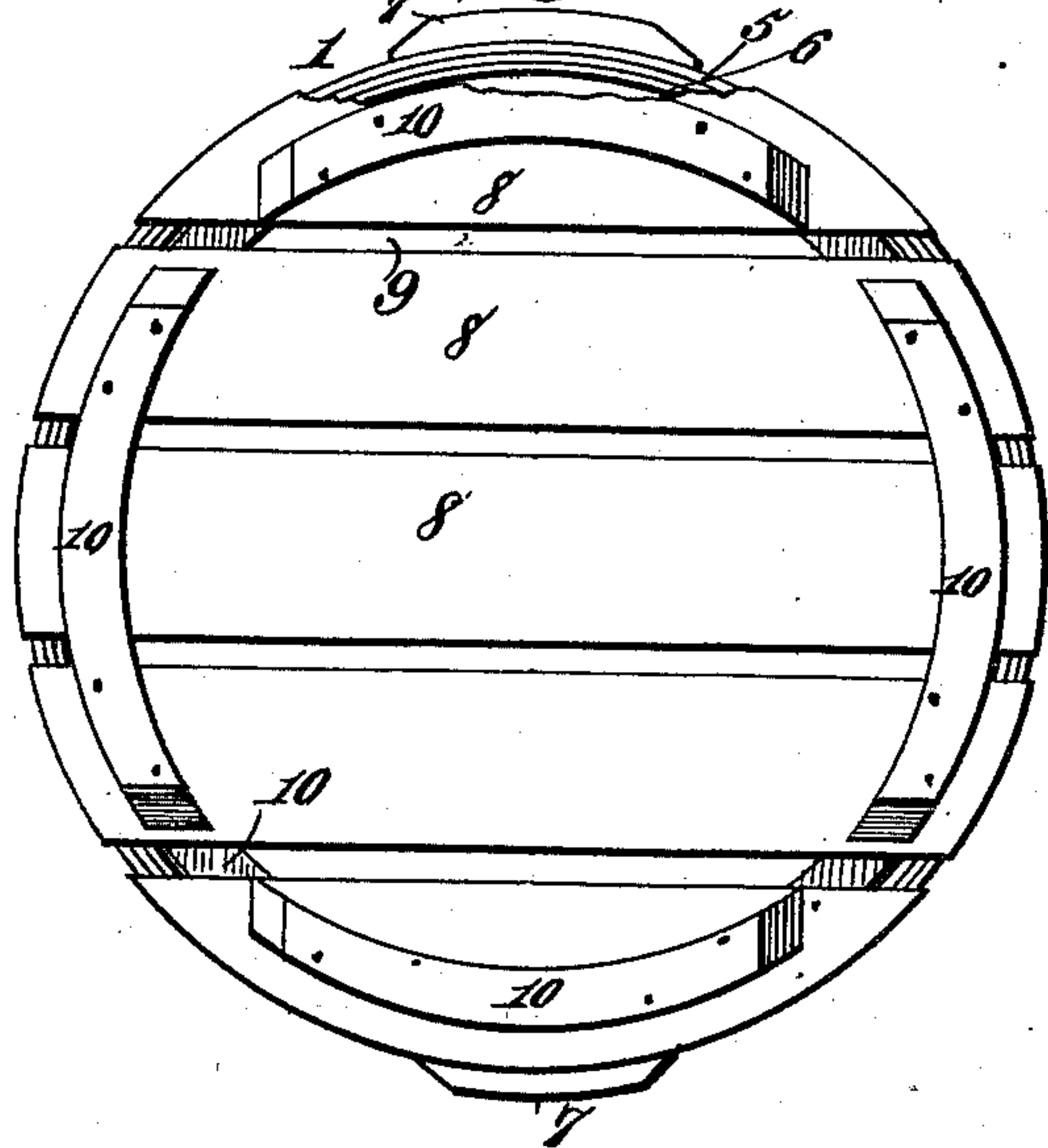
No. 370,637.

Patented Sept. 27, 1887.

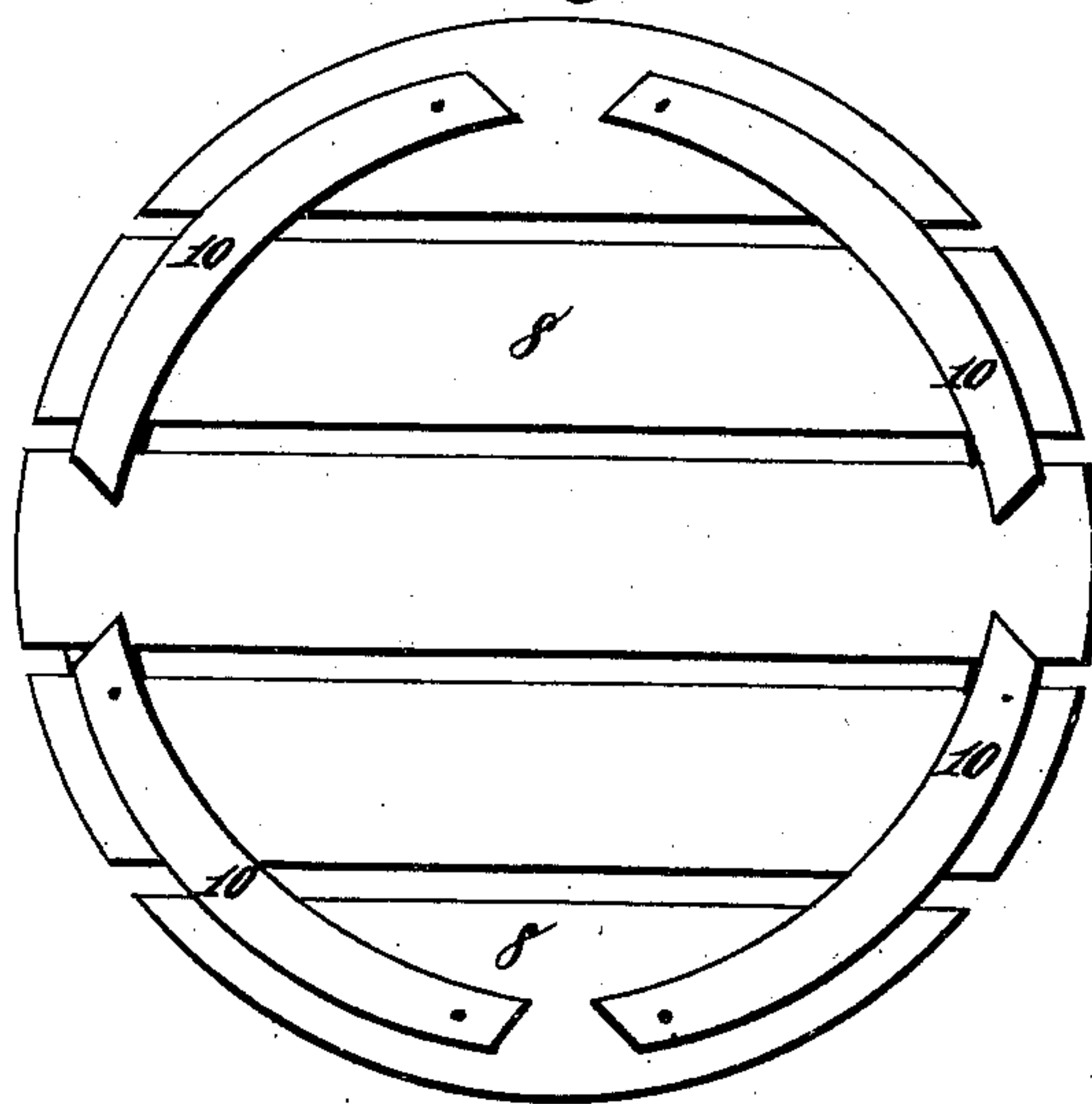
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



*Fig. 4.*



Witnesses

Robert Emmett

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Att'y.



# UNITED STATES PATENT OFFICE.

JOSHUA H. MARVIL, OF LAUREL, DELAWARE, AND JOHN ROBINSON, OF SHARPTOWN, MARYLAND.

## HALF-BARREL PACKAGE.

SPECIFICATION forming part of Letters Patent No. 370,637, dated September 27, 1887.

Application filed August 11, 1887. Serial No. 246,704. (No model.)

*To all whom it may concern:*

Be it known that we, JOSHUA H. MARVIL, a citizen of the United States, residing at Laurel, in the county of Sussex and State of Delaware, and JOHN ROBINSON, a citizen of the United States, residing at Sharptown, in the county of Wicomico and State of Maryland, have invented new and useful Improvements in Half-Barrel Packages, of which the following is a specification.

Our invention relates to half-barrel packages for vegetables, fruits, and produce of all kinds; and the purpose thereof is to provide a simple, cheap, and durable device of the character specified, wherein the body may be made of vertical slats of extremely light material and still possess a high degree of strength and rigidity, and have thorough ventilation.

It is our purpose also to provide such half-barrel with lifts, whereby it may readily be handled, and to combine therewith a cover having such construction that it affords a complete support to the package, a convenience for the person handling the package, and a thorough and unobstructed ventilation of the interior under all circumstances.

The invention consists in the several novel features of construction and new combinations of parts hereinafter fully set forth, and specifically pointed out in the claims annexed to this description.

Referring to the drawings, Figure 1 is an elevation, partly in section. Fig. 2 is a plan view with the lid on. Fig. 3 is a bottom plan view of the lid. Fig. 4 is an edge view of the same.

In the said drawings, the reference-numeral 1 designates the body portion of the half-barrel, consisting of a circular bottom, 2, having vertical staves 3 rising therefrom. These slats are made of extremely thin stuff, and are tapered slightly in width from top to bottom in order to provide ventilation openings 4 between the slats, said openings having equal width throughout. In order to give the requisite stiffness, four hoops, 5, are applied to the exterior and are fastened by nails driven through the hoops and slats. At the top of the half-barrel an inner hoop, 6, is added. The number of hoops may, however, be varied.

Upon opposite sides of the package handles, or, as they may be termed, "lifts," 7, are applied, each composed of a short thick curved section of wood formed to lie snugly against the outer hoop at the top, to which it is fastened in any suitable manner.

The cover of the half-barrel consists of a series of parallel slats, 8, having their ends cut upon a curve which corresponds substantially with the periphery of the outer and upper hoop, 5. These slats are separated by suitable intervals, 9, and are connected by a double series of arc-shaped pieces, 10, having their outer edges cut upon a curve corresponding with the curvature of the inner face of the inner hoop, 6, and arranged upon the top and bottom of the slats 8, those pieces above breaking joints with those upon the under side, and thereby binding the slats rigidly together. The curved pieces 10 give an extended and firm support to the rim of the package, and the alternating pieces on the outer face afford a grasp for the thumb of the person handling the loaded half-barrel. Moreover, the outer curved pieces enable the shipper to pile the barrels one upon the other without obstructing the ventilation through the cover. This manner of connecting the slats also provides additional room within the half-barrel, and avoids the jamming of the fruit or other contents, which usually takes place when cross-slats are employed to connect the slats of the cover.

What we claim is—

1. The half-barrel shown, consisting of a tapered body portion composed of thin tapered slats having substantially equal intervals between, four exterior hoops arranged thereon at intervals, lifts attached to the top and upon opposite sides, and a cover composed of slats united by a double series of curved pieces, one series inside and the other outside, substantially as described.

2. A cover for a half-barrel for fruit and produce, said cover being composed of slats parallel with each other and having their ends curved to correspond with the outer periphery of the half-barrel, said slats being united by an outer and inner series of curved pieces arranged to break joints, the inner series be-

ing arranged to lie within and brace the top of the half-barrel, substantially as described.

3. The combination, with the body 1, composed of slats, having at the top an inner and  
5 outer hoop, the latter provided with lifts 7, of a cover composed of parallel slats 8, having their ends curved to overlies the top of the package, said slats being united by an inner and outer series of curved pieces, 10, breaking  
10 joints with each other and arranged to lie

within and to brace the top of the package, substantially as described.

In testimony whereof we affix our signatures in presence of two witnesses.

JOSHUA H. MARVIL.  
JOHN ROBINSON.

Witnesses:

J. DALLAS MARVIL,  
JOHN H. ELLIOTT.