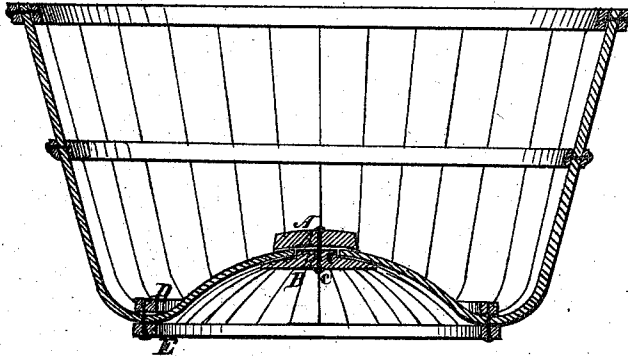


H. C. JONES.
Grain-Baskets.

No. 142,342.

Patented September 2, 1873.



Witnesses,
Murray Michael,
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UNITED STATES PATENT OFFICE.

HORACE C. JONES, OF DOWAGIAC, MICHIGAN.

IMPROVEMENT IN GRAIN-BASKETS.

Specification forming part of Letters Patent No. **142,342**, dated September 2, 1873; application filed February 8, 1872.

To all whom it may concern:

Be it known that I, HORACE C. JONES, of Dowagiac, in the county of Cass and State of Michigan, have invented certain Improvements in Baskets, of which the following is a specification:

The nature of my invention relates to the construction of concave and convex disks for the purpose of securing the lower ends of staves in baskets where the staves do not extend from side to side, but extend from the center of the basket-bottom to the top only, the object being to hold more securely the conical form of the basket-bottom.

The accompanying drawing forms a part of this specification, and shows a vertical transverse section through the diameter of a device embodying my invention.

Letters of reference marked on the drawing denote the parts indicated by a similar letter in the written part of this specification, of which—

A represents the upper or inside disk. This disk is made concave on the under side and convex on the upper side. B represents the lower or outside disk. This disk is provided with an annular shoulder on the upper side, as shown at C. This shoulder serves as a stop, against which the points of the staves or uprights abut, and serves a purpose similar to that of the key in the crown of an arch, thus preserving the arched or concave form of the under side of the basket-bottom. The depth of this shoulder is nearly equal to the thick-

ness of the staves or uprights that abut against it. At this shoulder the convex form of this disk B commences, and is extended outward to any desired dimension, and I prefer making it somewhat larger in diameter than the disk A. Between these disks A and B the points of the staves or uprights of which the body of the basket is formed are inserted and confined by means of nails or rivets, or both, as may be desired.

The concave form of the basket-bottom is produced by a suitable former and securely held in position by means of the outside and inside base-hoops D E. These hoops are secured to the basket and to each other by means of nails.

Now, it will be seen that as the staves are confined between the base-hoops D E with their inner points abutting against the shoulder C on the disk B, the convexity of the under side of the basket-bottom will be preserved. Suitable hoops and handles are attached to the body of this basket in any of the known forms, and need not be described here.

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

The combination of the shouldered convex disk B with the concavo-convex disk A, in the construction of a basket, substantially in the manner and for the purpose described.

HORACE C. JONES.

Witnesses:

HENRY MICHAEL,
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