

No. 705,400.

Patented July 22, 1902.

O. P. HALLOCK.
BARREL.

(Application filed Aug. 28, 1901.)

(No Model.)

Fig. 1.

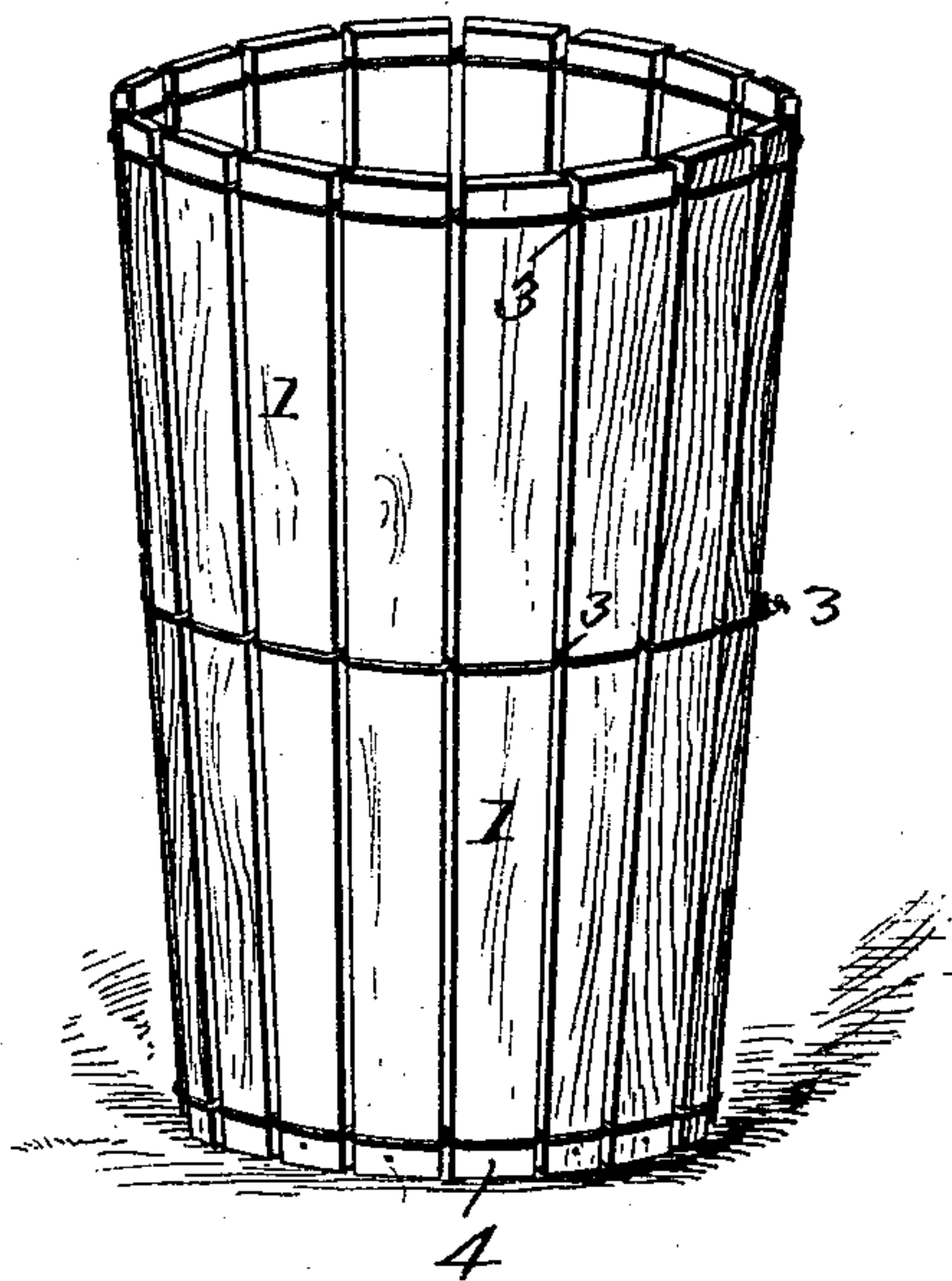


Fig. 2.

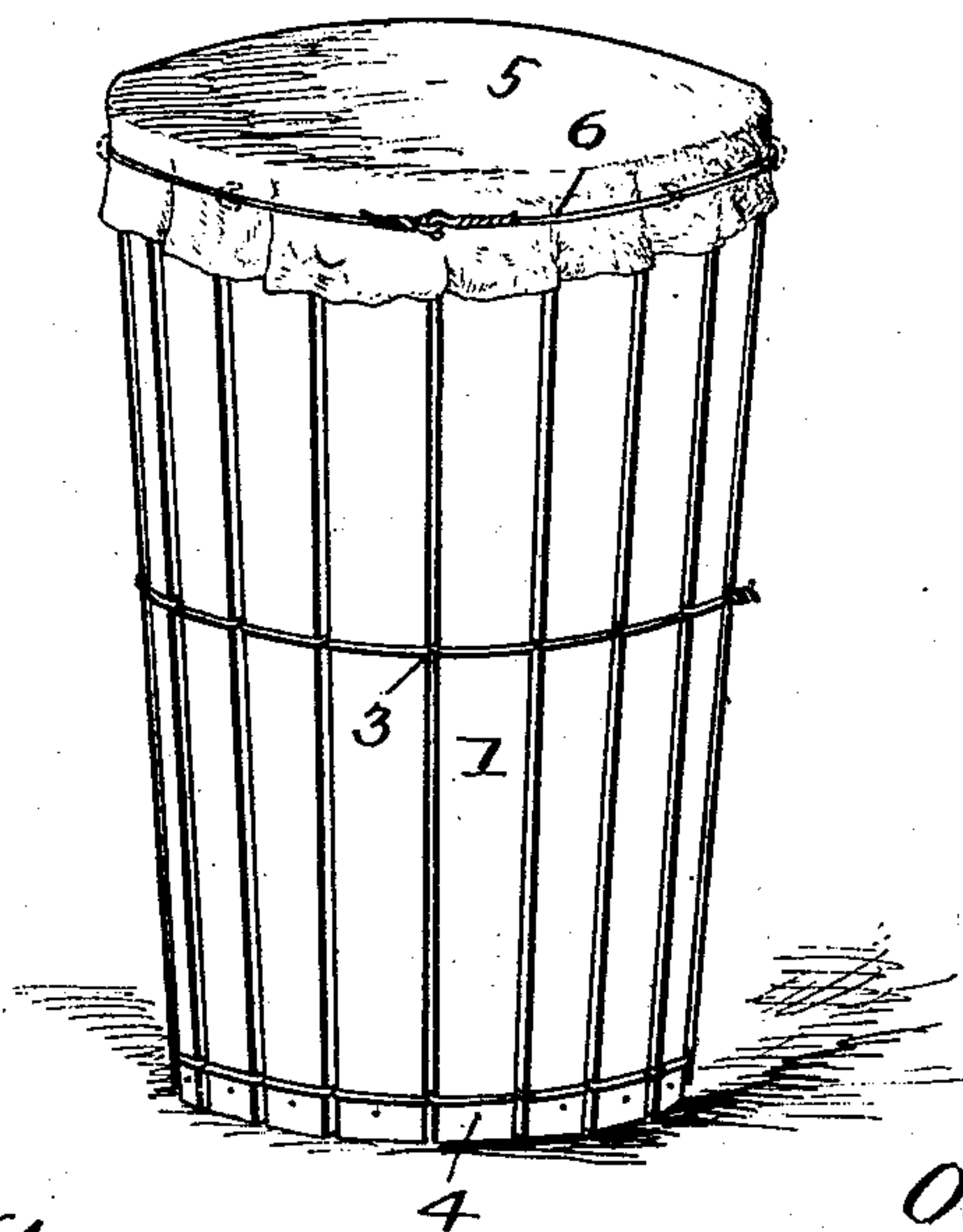
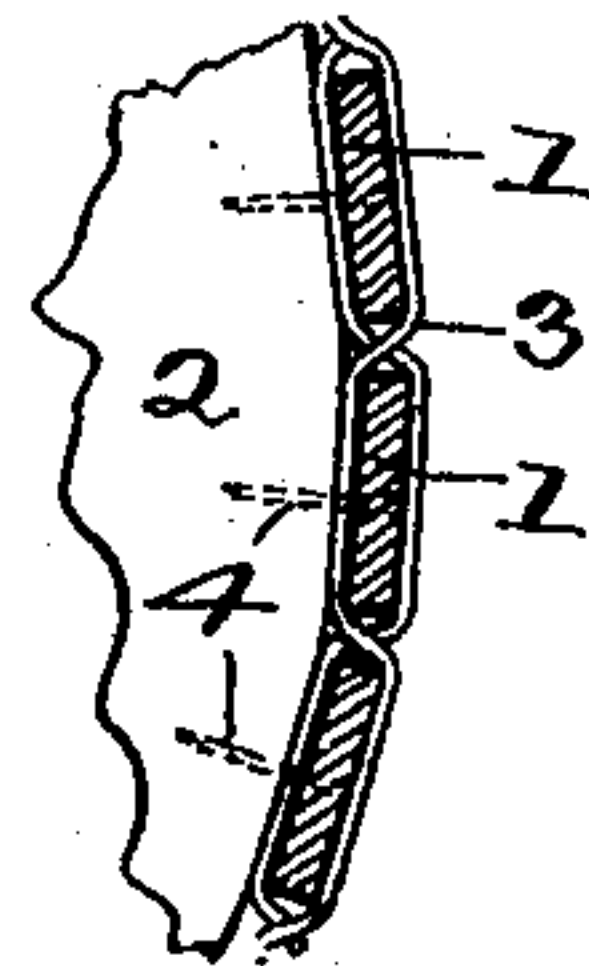


Fig. 3.



WITNESSES:

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BARREL.

SPECIFICATION forming part of Letters Patent No. 705,400, dated July 22, 1902.

Application filed August 28, 1901. Serial No. 73,518. (No model.)

To all whom it may concern:

Be it known that I, OTTO P. HALLOCK, a citizen of the United States, residing at Mattituck, in the county of Suffolk and State of New York, have made a certain new and useful Improvement in Barrels, of which the following is a specification.

My invention is an improved receptacle or barrel for transporting vegetables and produce of various kinds. It is an improvement in that class of barrels or receptacles which are composed of staves connected by flexible wire fastenings, and it is distinguished by the construction and arrangement of parts hereinafter described and specifically claimed.

In the accompanying drawings, Figure 1 is a perspective view of the barrel without the cloth cover usually employed when shipping vegetables, and Fig. 2 is a similar view with the cloth cover applied. Fig. 3 is a detail section of a portion of the barrel.

The barrel is composed of tapered staves 1, having straight sides, a bottom 2, and wire fastenings 3, by which the staves are secured together and held spaced apart, as will be further described. The broader portions of the staves being uppermost, it will be seen that the barrel is tapered. This facilitates nesting or packing of empty barrels, so that they occupy the least possible space in transportation or in store, and the tapered form enables the contents of the barrel to be more readily discharged. The barrel having straight sides, it may be laid upon the side and does not tend to roll or oscillate, as in the case of barrels having a bilge. Further, the tapered form of the barrel enables a series or number of filled barrels to be packed closely side by side in the car or storage-chamber with their heads and lower ends alternating. The wire fastenings 3 are applied at the top, middle, and lower end of the staves and each consists of two strands of wire, which are applied in the manner best illustrated in Fig. 3—that is to say, the two strands are crossed between each two of the staves 1 and their ends are twisted together, as represented in Figs. 1 and 2. The staves

are thus firmly yet flexibly connected and held spaced apart, so as to allow due ventilation of the barrel, as is essential for safe transportation of vegetables and other produce. The staves 1 are secured to the bottom 2 by nails 4, as shown.

For length of service of the barrel it is essential that each of the staves shall be attached to the bottom 2 by a single nail, as shown, since this manner of attachment permits a certain degree of lateral movement of the staves. In other words, each stave is, practically speaking, pivoted to the bottom 2, the nails thus constituting points upon which the staves are adapted to rock slightly. To permit this, it is essential that the staves shall rest flat against the edge of the bottom, instead of being grooved to receive the same, as has been usual heretofore in this class of receptacles. The lower fastening-wire being applied contiguous to the nails 4, the attachments of the staves to the bottom 2 is a secure one despite the fact that a certain degree of flexibility is provided for.

In practice I attach the cloth cover 5 to the barrels when filled and secure the same by means of a wire hoop 6, having a loop and hook, as shown in Fig. 2. Such hoop may be held in place by means of staples driven into the staves.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

As an improved article of manufacture, the barrel herein described composed of a series of flat staves having straight side edges, and tapered from the top down, the bottom having a flat edge surrounded by the staves, each of which is secured to its edge by a single nail, and a series of flexible connections for the staves, consisting of two strands of wire which are arranged as shown and crossed between adjacent staves, in the manner shown.

OTTO P. HALLOCK.

Witnesses:

HERBERT R. CONKLING,
FRED. H. PIKE.