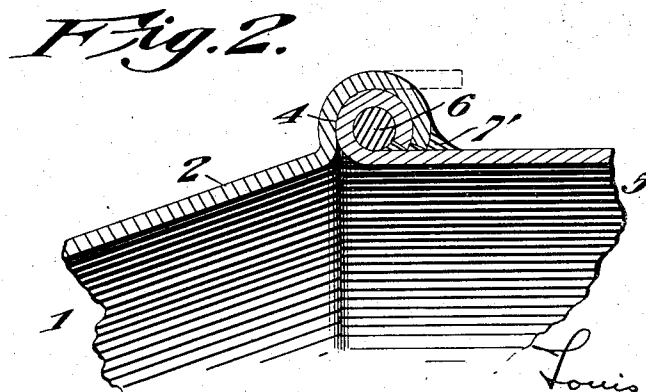
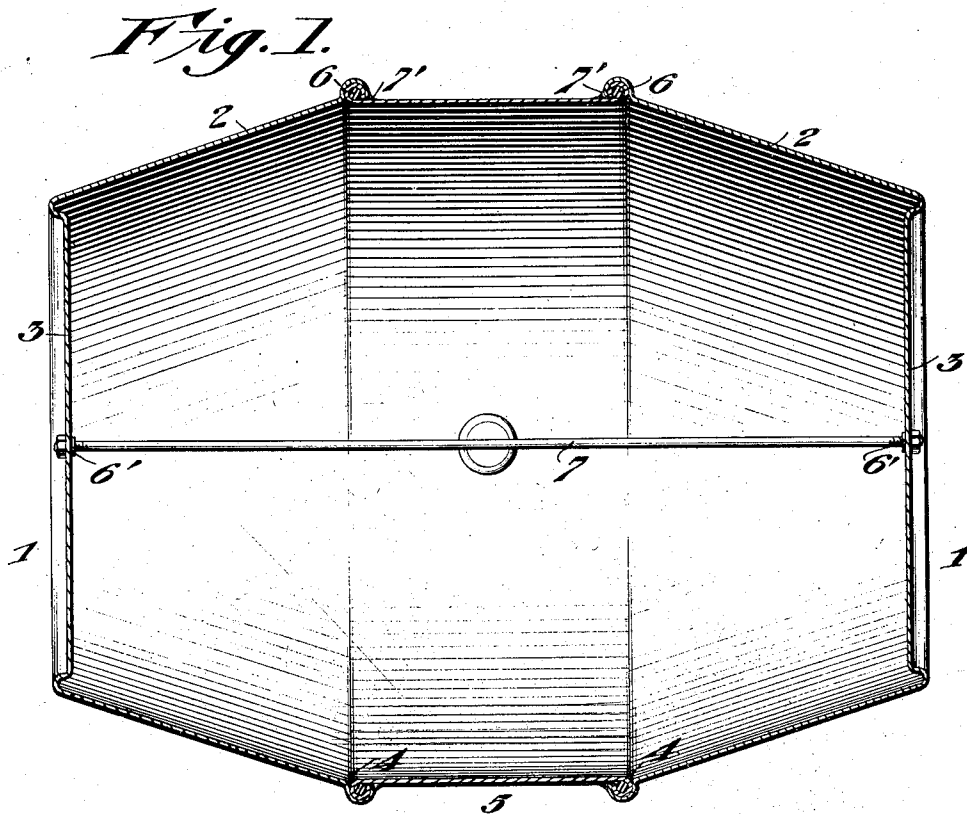


L. S. FLATAU.
METALLIC BARREL.
APPLICATION FILED SEPT. 10, 1910.

1,049,837.

Patented Jan. 7, 1913.



Witnesses

Lloyd W. Patch
A. A. Hammond

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By

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UNITED STATES PATENT OFFICE.

LOUIS S. FLATAU, OF ST. LOUIS, MISSOURI, ASSIGNOR OF ONE-THIRD TO DUDLEY C. WRAY AND ONE-THIRD TO T. ALLEN WRAY, OF ST. LOUIS, MISSOURI.

METALLIC BARREL.

1,049,837.

Specification of Letters Patent.

Patented Jan. 7, 1913.

Application filed September 10, 1910. Serial No. 581,416.

To all whom it may concern:

Be it known that I, LOUIS S. FLATAU, a citizen of the United States, residing at St. Louis, State of Missouri, have invented certain new and useful Improvements in Metallic Barrels, of which the following is a specification.

My invention relates to an improvement in metallic barrels and the like, and the object is to provide means whereby the ends and body of the barrel can be connected together to prevent liquid from passing through the joints which connect the ends and body together.

A further object is in constructing the ends or heads by providing the heads with outwardly tapering walls, and to these walls the cylindrical body is connected. In this way, barrels can be made of different lengths or sizes, by simply making the cylindrical body of the required size and connecting it to the walls of the heads, which form a part of the barrel body.

Another object is providing a stay rod which connects the ends or heads together and holds the barrel body between the heads during the operation of bending the edges of the walls over a roll or bead formed on the body for connecting the body and heads together.

In the accompanying drawings, Figure 1 is a longitudinal vertical sectional view, and Fig. 2 is a detail sectional view of the manner of connecting the heads to the barrel body.

A, represents the barrel, and 1, 1 indicate the heads or ends. The heads are provided with recessed ends 3, and the walls 2 of the heads taper outwardly. The outer ends or edges of the walls 2 are bent outwardly for forming a groove or pocket 4.

The body 5 of the barrel is made cylindrical and the ends of the body are bent or rolled over wire or metal hoops 6 which ex-

tend around the exterior surface of the body, 45 for forming a bead which is received in the groove 4 of the wall 2. The ends 3 are provided with screw-threaded eyelets 6' for the reception of the screw-threaded ends of the stay rod 7.

The heads 1 are screwed onto the stay rod 7, and the body 5 is inserted between the ends of the heads. After the beads of the body 5 have entered the pockets 4 of the walls 2, one of the heads is turned upon the stay rod until the body is firmly held between the heads, then the barrel is placed in a machine and the outer edges of the walls 2 are bent or rolled around the beads of the body 5 for fastening the heads and body together. To form a tight joint between the body and heads solder 7', or other suitable sealing substance, is poured around the beads and outer edges of the walls 2. The stay rod 7 holds the recessed ends of the heads 1 in their proper shape, and in assembling the barrel it holds the heads and body in position so that the joints can be formed.

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

A metallic barrel comprising a body portion and end members, hoops received upon the body portion over which the edges are rolled, the end members provided with walls, the inner edges of which are grooved and lipped, in which grooves the edges of the body portion are received, and the lips adapted to be bent down upon the rolled edges of the body portion and soldered, forming a permanent and tight joint.

In testimony whereof I affix my signature, in the presence of two witnesses.

LOUIS S. FLATAU.

Witnesses:

E. OBERLE,
W. WRAY.