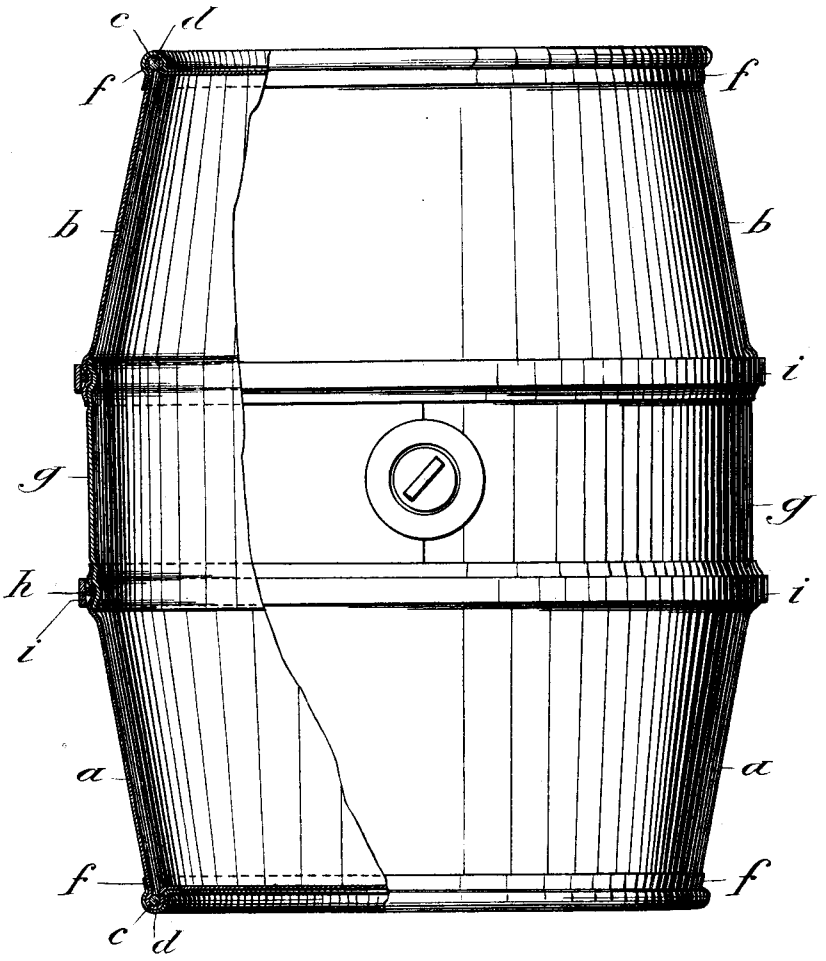
No. 675,882. Patented June 11, 1901.

H. A. COHU.

CASK.

(Application filed Dec. 8, 1900.)

(No Model.)



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UNITED STATES PATENT OFFICE.

HENRI ALBERT COHU, OF PARIS, FRANCE.

CASK.

SPECIFICATION forming part of Letters Patent No. 675,882, dated June 11, 1901.

Application filed December 8, 1900. Serial No. 39,113. (No model.)

To all whom it may concern:

Be it known that I, HENRI ALBERT COHU, a citizen of the Republic of France, and a resident of Paris, France, have invented certain new and useful Improvements in Casks, of which the following is a specification.

My present invention relates to the construction of casks, the object being to provide an improved cask composed of three specially-arranged parts—one central cylindrical part and two lateral frustum-shaped parts suitably connected to said central part.

The accompanying drawing shows a side elevation of the improved cask, with parts broken away to disclose the features of my invention.

a b represent the two external or end parts, each of which is formed with a disk of chased sheet-iron, located at about the third of the total height of the cask. Arranged around the bottom of said end parts *a b* is a groove *c*, projecting outwardly to form an annular extension. Housed within said groove is an iron ring *d* of suitable cross-section and pressed within the surrounding sheet-iron. Said annular extension is protected against wearing by means of a correspondingly-shaped metal strip *f*. It will be seen from this construction that the ends of the cask are prevented from resting on the ground, that these ends have projecting rims, enabling the cask to be easily grasped by hand or by means of hooks, that these projecting rims are of great strength and cannot be easily put out of shape, and that these rims are filled up with solid material and cannot retain the liquid contained within the cask. The central part *g* is formed of a cylinder made of thicker sheet-iron and the edges of which are serrated or undulated, in which undulations are pressed the edges of the end parts *a b*. In order to secure the strength of this connection, I lodge in the first undulation a suitable wire *h*, slightly projecting outwardly, and arranged upon said wire is a flat iron ring *i*, the latter being mounted in place in a hot state, so as to firmly press the ring *h* in place when cooled. Said flat iron ring serves also as a tread-ring to prevent the wall of the cask from contacting with the ground. The edge of the end part *a* or *b* is located at the bottom of the second undulation, which may receive, when necessary, a suitable soldering to secure an absolutely-tight joint. Said joint may be easily opened when it is desired to remove any one of the three parts *a b g* for repairing or other purposes.

The advantages of my invention over other inventions heretofore practiced are that the improved construction is of great strength by reason of the increased thickness of the central part and the improved joints between the different parts. Said joints are perfectly protected under the tread or reinforcing rings. The walls of the cask cannot contact with the ground by reason of the strengthening-rings *i* and *f*, whatever may be the position of the cask.

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

In the improved cask, the combination with two lateral or end frustum-shaped parts, projecting hollow rims on the face ends of said parts, circular metal rods pressed within said rims, outer strengthening-strips covering said rims and a plurality of undulations at the opposite ends of said lateral parts, of a central cylindrical part, similar undulations on the free edges thereof engaging the undulations of the lateral parts, wires arranged within the undulations and metal rings pressed upon said wires, substantially as set forth.

In testimony whereof I have hereunto set my hand in presence of two witnesses.

HENRI ALBERT COHU.

Witnesses:
ADOLPHE STURM,
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