No. 871,817 PATENTED NOV. 26, 1907.

J. C. & C. A. PARKER.

HOOPLESS BARREL.

APPLICATION FILED AUG. 30, 1906.

Fig. 1.

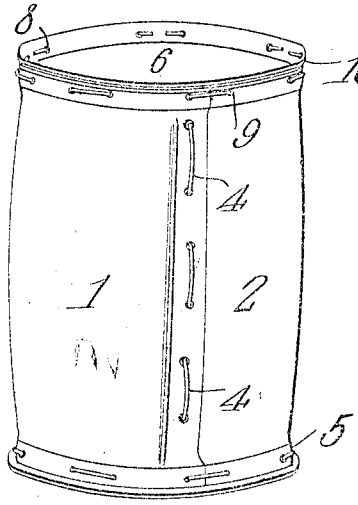


Fig. 2.

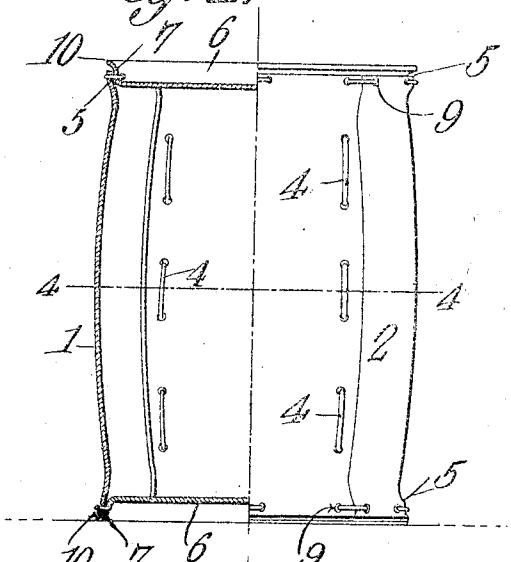
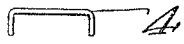


Fig. 3.



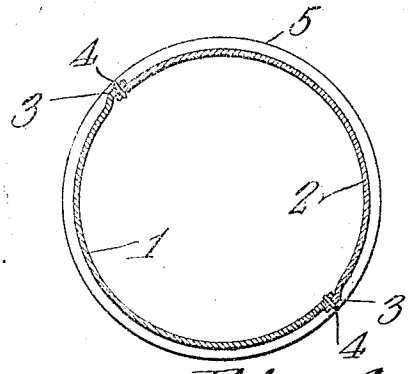


Fig. 4.

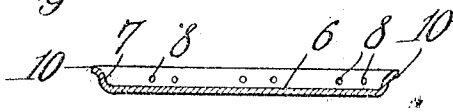


Fig. 5.

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HOOPLESS BARREL.

No. 871,817. Specification of Letters Patent. Patented Nov. 26, 1907.

Application filed August 30, 1906. Serial No. 332,712.

To all whom it may concern:

Be it known that we, JOHN CHAUNCEY PARKER and CHARLES ALBERT PARKER, citizens of the United States, and residents, respectively, of Brockport, in the county of Monroe and State of New York, and of Poughkeepsie, in the county of Dutchess and State of New York, (whose post-office addresses are respectively Brockport and Poughkeepsie,) have invented a new and useful Hoopless Barrel, of which the following is a specification, reference being had to the accompanying drawing, forming a part thereof.

Our invention relates to an original invention in what is to be known as a hoopless knock-down metal barrel and the object thereof is to provide a strong, durable, and inexpensive construction that may be readily assembled or set up when desired for use, and as readily disassembled when its contents have been removed, so that it may be packed into a small bundle to occupy less space, and also to facilitate transportation, should it be desired to re-ship the barrel to the original merchant. Also it is intended to take the place of the present wooden barrel.

A further object of the invention is to provide means for securely locking the sections together, and also means for locking the heads in position, the latter means being capable of independent operation so that either head of the barrel may be removed without disturbing the other fastenings.

Still a further object is to provide a construction in which the meeting edges of the sections will be practically smooth upon the inside and outside of the barrel, avoiding all obstructions that would endanger or destroy the contents of the barrel while in the course of transportation, especially in the case of fruits, vegetables, and like.

The invention consists in certain novel features of construction and the arrangement and combinations of parts hereinafter particularly set forth and claimed. We attain these objects by the mechanism illustrated in the accompanying drawing, in which:—

Figure 1 is a vertical section of the entire barrel in the perspective; constructed in accordance with our invention. Fig. 2 is partly inside elevation and partly a central longitudinal section, a barrel embodying the aforesaid invention. Fig. 3 is a view of the wire fastener, used to bind the parts together. Fig. 4 is a sectional view showing how the two halves lap over each other when set up, all embodying the aforesaid invention. Fig. 5 is a detail view of one of the heads, showing how the flange is made outward, with a bead rounding over to form a chime, to make it smooth and convenient for handling.

Referring to the figures by characters of reference, 1 and 2 are oppositely disposed sections constituting the body of the barrel, each of said sections being provided along one of its edges with an out-struck portion 3 whereby when the two sections are assembled their adjoining edges will lap, as shown particularly in Fig. 4. These lapped portions of the sections are formed with registering openings designed to receive fasteners 4 such as shown in detail in Fig. 3. Each of these fasteners is preferably in the form of a wire staple, the ends of which are adapted to be inserted through the openings and pressed or folded against the inner face of the barrel. The sections 1 and 2 can be straight from end to end or provided with a bilge to suit the taste of the user. After the two barrel sections 1 and 2 have been assembled in the manner described the end portions thereof are flared as shown at 5 to form seats for the barrel heads 6, one of which has been shown in section in Fig. 5. Each head is preferably formed in a single sheet of metal or other suitable material and has an annular flange 7 formed with a plurality of apertures 8 designed to register with similar apertures 9 in the sections 1 and 2. The free edges of the flanges 7 are bent backward, as shown at 10 so as to lap the ends of the sections 1 and 2. The registering openings 8 and 9 are designed to receive fasteners 4 similar to those hereinbefore referred to, the ends of which are inserted through the openings and bent or folded on to the inner faces of the flanges 7.

It will be seen that by constructing a barrel in the manner herein described the same is rendered free of all objectionable projections and the parts, after being fastened together, are held positively in proper relation and can not become displaced when carelessly handled, as when dropped upon one edge.

It will be seen that the device is exceedingly cheap, and highly efficient and the fasteners employed are sufficient to hold the

parts together in an efficient manner so that the barrel is capable of holding the heaviest materials. Either head of the barrel can be readily removed simply by cutting the fasteners or prying them out of position and as this does not result in injury to any parts of the barrel, it is obvious that the heads can be reused.

While the sections of the barrel have been shown made of solid material such as designed for holding flour, sugar, and similar material, it is to be understood that the sides and heads may be made of open material or can be corrugated when the barrel is used for transporting fruit, vegetables, etc. It is to be understood that this barrel may be formed of sheet metal, of pressed paper or pulp, or in fact of any other material which may be deemed advisable.

Having thus fully described our invention, what we claim as new and desire to secure by Letters Patent is:—

1. A barrel comprising oppositely disposed body sections having lapping edges, fastening devices extending through the lapping portions of the sections, said sections having flared ends constituting seats, heads disposed upon the seats and having annular flanges fitting snugly within the flared portions and curved portions engaging the ends of the sections, and fastening devices extending through the flanges and section ends.

2. A receptacle comprising body sections having lapped edges formed with registering apertures, fastening devices extending through the apertures, the ends of the sections being flared to form seats, heads upon the seats and surrounded by the ends of the body sections, an annular flange upon each head fitting snugly against the flared portions of the body sections, said flanges having edge portions lapping and engaging the ends of the body sections, and separate fastening devices extending through the ends of the body sections and the flanges of the heads.

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