G. W. BERRY.

METALLIC KEG.

APPLICATION FILED AUG. 19, 1910.

1,032,372. Patented July 16, 1912.

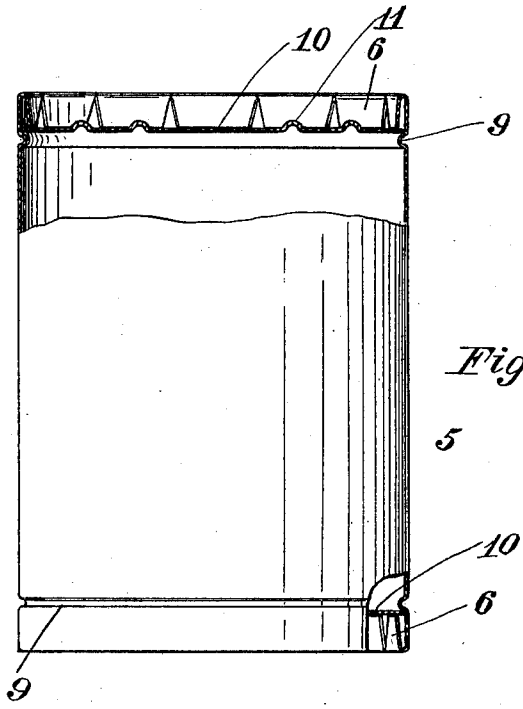

Fig. 1.

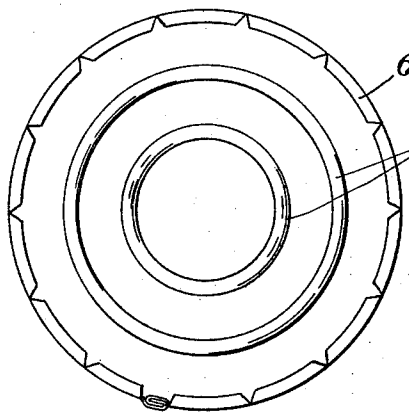

Fig. 2.

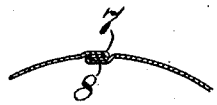

Fig. 4.

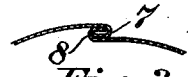

Fig. 3.

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UNITED STATES PATENT OFFICE.

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METALLIC KEG.

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To all whom it may concern:

Be it known that I, GEORGE W. BERRY, a citizen of the United States, residing at Columbus, in the county of Franklin and State of Ohio, have invented a certain new and useful Improvement in Metallic Kegs, of which the following is a specification.

The object of this invention is to provide a keg or similar storing or shipping package of sheet metal and of simple and economical construction the parts of which can be sold and transported in unassembled condition and put together by the user.

The invention is embodied in the construction herein shown and described and then particularly pointed out in the claim.

In the accompanying drawing Figure 1 is a view in elevation with parts in section of a keg according to the invention. Fig. 2 is a plan view of one of the ends. Fig. 3 shows a horizontal section of the jointing members of the body before clenching and Fig. 4 is a similar view after the clenching of the seam members.

In the views 5 designates the body of the keg which is shown as of substantially cylindrical form. The said body is formed out of a single piece of sheet metal folded over toward the inner side of the keg and notched to form spring tongues 6 and folded over in opposite directions along opposite ends of the sheet to form seam members 7 and 8 adapted to hook into each other as seen in Fig. 3.

The character 9 designates a bead pressed inward around each end of the keg but mainly slightly within the edges of the spring tongues 6 or so as to provide room for the edge of the heads 10. The heads are of circular form to fit in the ends of the keg by pressure beyond the spring tongues. The heads can be circularly ribbed or corrugated as seen at 11 to give it rigidity. After the seam members have been hooked together and clenched by pressure or hammering as seen in Fig. 4 a head 10 is inserted by pressing it inward beyond the ends of the spring tongues and until its edges project into the seat between the bead 9 and the ends of the spring tongues. In this operation the spring tongues yield upon the passage of the head inward until they are passed by the head and after which they spring out away from the wall of the body and project over the edges of the head thus preventing the head from removal outward. The bead, of course, prevents the head from being pushed inward.

For shipment the bodies are prepared with end tongues and with joints ready for uniting but in open condition so that they can be nested together in bundles of a half dozen or more and with the appropriate number of heads they can be crated and transported with great saving in the cost of freight.

The parts of the keg can be assembled by unskilled labor and such a keg will constitute an eminently satisfactory packing vessel for hardware and other articles of merchandise. The head can easily be removed by prying up several of the spring tongues and it may be possible to reuse the vessel but this is not contemplated as the vessel can be made so inexpensive that its cost is far less than a package of wood.

The special insertible head can be used at one end only of the vessel and the other end left open or be closed if desired.

What I claim is:

A packing vessel consisting of a hollow body of sheet metal having one of its ends notched and bent inward to form a plurality of yielding spring tongues off set from the body of the sheet metal and also provided with an annular bead to form an inwardly projecting seat within the vessel beyond said tongues, combined with a rigid closing head constructed to be forced past said tongues and be seated at its edge between the ends of said tongues and the aforesaid bead and be held in position solely thereby.

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