H. M. PARKER.

COLLAPSIBLE FABRIC BUCKET.

APPLICATION FILED MAR. 28, 1917.

1,233,117. Patented July 10, 1917.

Fig. 1.

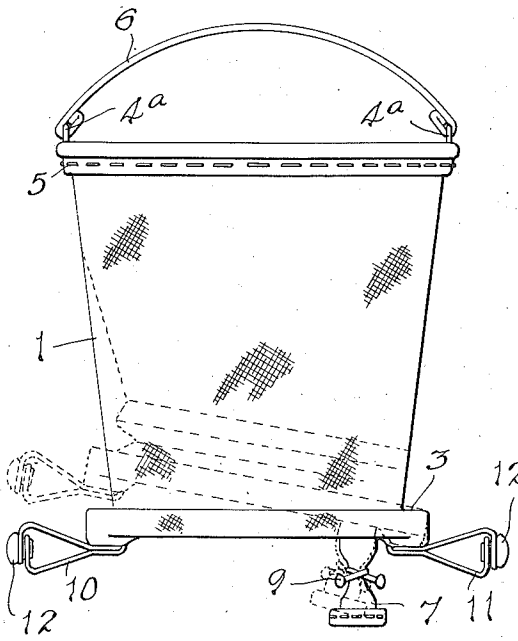


Fig. 2.

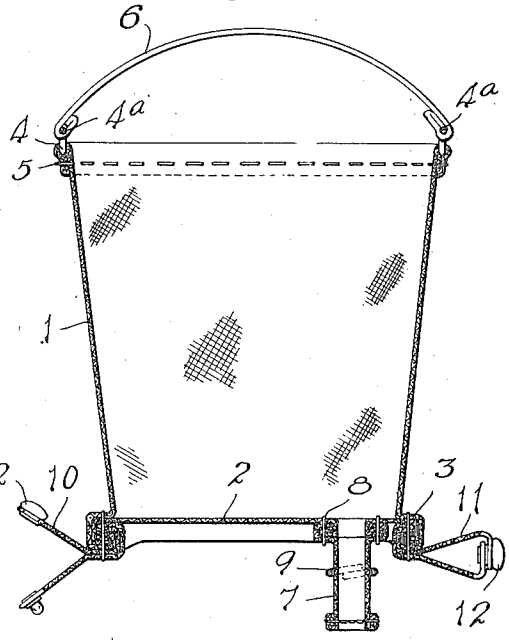


Fig. 3.

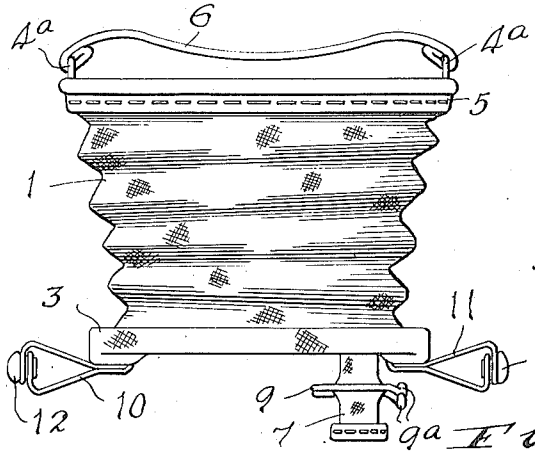


Fig. 4.

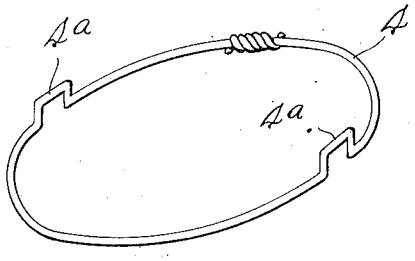
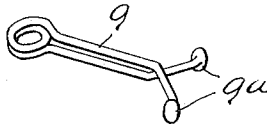


Fig. 5.



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COLLAPSIBLE FABRIC BUCKET.

1,233,117. Specification of Letters Patent. Patented July 10, 1917.

Application filed March 28, 1917. Serial No. 158,025.

To all whom it may concern:

Be it known that I, HENRY M. PARKER, a citizen of the United States, residing at Toledo, in the county of Lucas, State of Ohio, have invented a new and useful Collapsible Fabric Bucket; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The present invention relates to a collapsible fabric bucket, and has for its object to provide a device of this character which embodies novel features of construction whereby the contents thereof can be easily poured through a restricted opening into an automobile radiator or the like, without wasting the contents and causing a portion thereof to be spilled over the outside of the radiator.

Further objects of the invention are to provide a collapsible fabric bucket of this character which is simple and inexpensive in its construction, which can be compactly collapsed and packed in a small amount of space, which can be instantly distended and prepared for use, and which will enable water to be easily poured without waste into a receptacle having a restricted opening.

With these and other objects in view, the invention consists in certain novel combinations and arrangements of the parts as will more fully appear as the description proceeds, the novel features thereof being pointed out in the appended claim.

For a full understanding of the invention, reference is to be had to the following description and accompanying drawing, in which:—

Figure 1 is a side elevation of a collapsible fabric bucket constructed in accordance with the invention, the walls of the bucket being shown by dotted lines as flexed to drain the entire contents of the bucket through the discharge spout.

Fig. 2 is a sectional view through the bucket when completely distended.

Fig. 3 is a side elevation of the bucket showing the same as partially collapsed.

Fig. 4 is a detail perspective view of the wire stiffening ring applied to the upper end of the bucket.

Fig. 5 is an enlarged detail perspective view of the spring clamp which is applied to the flexible discharge spout for controlling the outflow of water through the same.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

Referring to the drawings, which illustrate a preferred embodiment of the invention, the numeral 1 designates the flexible fabric side walls of the bucket and 2 the bottom thereof, the edges of the bottom being connected to the side walls by a suitable seam 3. A wire stiffening ring 4 is applied to the side walls 1 of the bucket at the top thereof, the upper edges of the side walls being folded outwardly around the reinforcing ring and stitched in position, as indicated at 5. At substantially diametrically opposite points the wire reinforcing ring 4 is provided with upwardly projecting crimps 4^a which provide ears or loops to which the ends of the flexible handle 6 are connected.

The bottom 2 of the bucket is provided at one side thereof with a flexible discharge tube 7, the upper end of the discharge tube being secured by a suitable seam 8 to the edges of an opening in the bottom, and the said discharge tube or spout being of such a size as to be conveniently inserted within the filling opening of an automobile radiator. A spring clamp 9 which may be of any suitable construction is applied to the flexible discharge tube 7 and normally collapses the same to prevent the outflow of water therethrough. However, after the end of the discharge tube 7 has been suitably positioned within the filling opening of the radiator, the pressure of the clamp 9 upon the tube can be released by pressing inwardly upon the finger pieces 9^a of the clamp. Water will then flow from the bucket through the discharge tube into the radiator, although this flow of water can be instantly cut off at any time by releasing the pressure upon the finger pieces 9^a and permitting the clamp to spring back into operative position.

A looped finger piece 10 is applied to the edge of the bottom 2 in a substantially diametrically opposed relation to the discharge tube 7. This finger piece 10, as indicated by dotted lines on Fig. 1, enables the bottom and side walls of the bucket to be flexed so as to incline the bottom toward the discharge tube 7 and admit of the contents of the bucket being completely drained through the discharge tube without waste. If de-

sired, a similar looped finger piece 11 may be applied to the bottom 2 adjacent the discharge tube 7, and these finger loops 10 and 11 may be brought into engagement with the crimped portions 4^a of the stiffening ring 4 when the bucket is collapsed, thereby holding the bucket securely in a collapsed condition and enabling it to be easily handled and packed. As shown the finger loops 10 and 11 are divided at their outer ends, the strap members thus formed being normally connected by the snap fasteners 12. When the bucket is collapsed one of the strap members of each of the loops may be threaded through the corresponding crimped portion 4^a of the stiffening ring 4.

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

A collapsible bucket including flexible side walls and a bottom, a stiffening ring applied to the side walls at the top of the bucket and provided at diametrically opposite points with crimped portions, a handle having the ends thereof connected to the said crimped portions of the stiffening ring, and looped finger pieces applied to the bottom of the bucket for assistance in manipulating the bucket when full, said looped finger pieces being arranged to fit around and engage the before mentioned crimped portions of the stiffening ring when the bucket is collapsed.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

HENRY M. PARKER.

Witnesses:
J. W. RUNYAN,
N. R. ENGLAND.