E. ELLIS.

COLLAPSIBLE FOLDING BUCKET.

APPLICATION FILED FEB. 19, 1912.

1,041,758.

Patented Oct. 22, 1912.

Fig. 1.

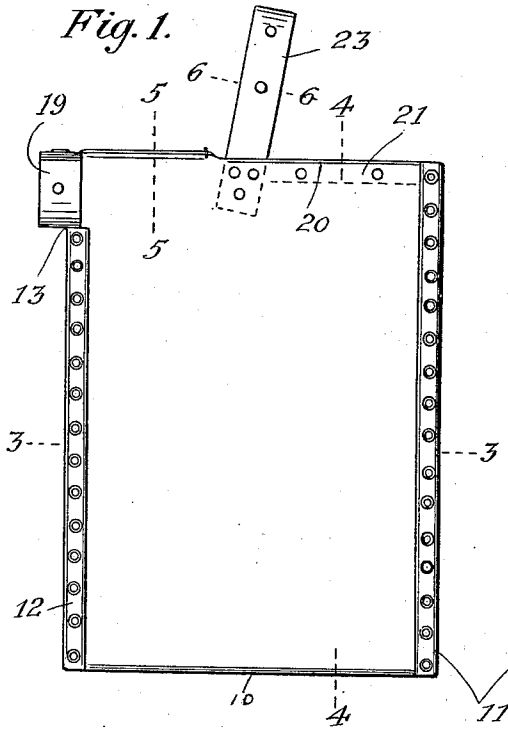


Fig. 2.

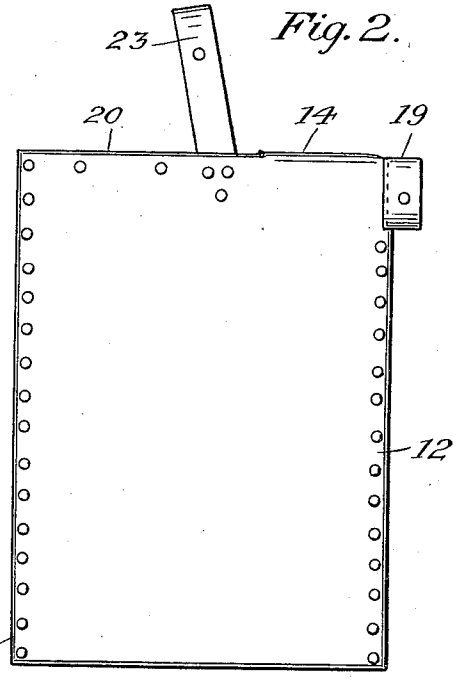


Fig. 3.

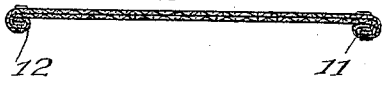


Fig. 7.

Fig. 5

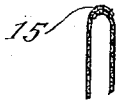


Fig. 4.

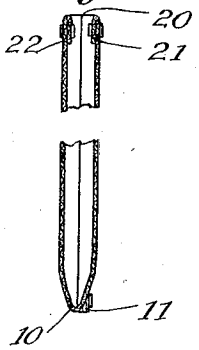


Fig. 6.

Fig. 8.

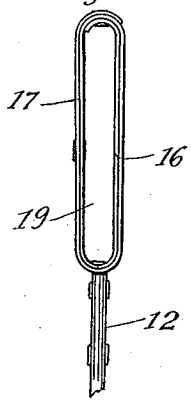
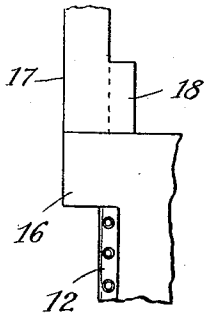


Fig. 9.



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EDWARD ELLIS, OF MINNEAPOLIS, MINNESOTA.

COLLAPSIBLE FOLDING BUCKET.

1,041,758. Specification of Letters Patent. Patented Oct. 22, 1912.

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To all whom it may concern:

Be it known that I, EDWARD ELLIS, a citizen of the United States, residing at Minneapolis, in the county of Hennepin and State of Minnesota, have invented certain new and useful Improvements in Collapsible Folding Buckets, of which the following is a specification.

My invention relates to a collapsible folding bucket, and is primarily adapted for use in connection with automobiles in which it is necessary from time to time to pour water into the radiator.

It is undesirable to carry along a rigid pail or receptacle having the spout necessary for pouring the water into the comparatively small receiving opening of the radiator.

My invention has for its object to provide a pail or water carrying receptacle formed of canvas or other pliable material which may be folded into compact form and placed with the tool kit of the machine, or laid flat under the seat cushion, and which shall be provided with partially closed top and nozzle or spout suitable for insertion into the receiving opening of the radiator.

The full objects and advantages of my invention will appear in connection with the detailed description thereof and are particularly pointed out in the claims.

In the drawings, illustrating the application of my invention in one form,—Figures 1 and 2 illustrate reverse side views of my bucket. Fig. 3 is a section on line 3—3 of Fig. 1. Fig. 4 is a fragmentary section on line 4—4 of Fig. 1. Fig. 5 is a fragmentary section on line 5—5 of Fig. 1. Fig. 6 is an enlarged sectional view on line 6—6 of Fig. 1. Fig. 7 is a top plan view of the bucket as shown in Fig. 1. Fig. 8 is an enlarged edge elevation view of the spout showing how the same is formed in connection with the body of the pail. Fig. 9 is a fragment showing the manner in which the strip of canvas is cut to form the spout.

My pail is formed of a single piece of canvas or other fabric. This piece will be folded at the bottom, as indicated at 10, and seamed along the sides, one seam 11 extending the full length of the side edges, the other seam 12 extending the major portion of its side but being interrupted by the transverse cut at 13. Each of seams 11 and 12 is formed by folding the double material for an ordinary seam and again folding this seam upon itself forming a triple seam, as shown. The seam member may be sewed together by rivets or sewing or otherwise secured, as desired. These longitudinally thickened seams not only give strength to the binding edges of the pail but also impart a certain rigidity thereto. The portion of the top 14 has the edges of the strips of fabric secured together in overlapping relation by sewing or otherwise, as desired, as shown at 15 in Fig. 5. This closed portion of the top is at the same side of the bucket as the cut 13. When the seam 12 has been formed there will extend beyond the seamed portion a short strip of material 16 on one side. The corresponding strip on the other side is cut so that a lengthened strip 17 is provided and this may have a portion 18 for folding back upon the part 17 to form a closed edge or hem. The strip 17 is, of course, a continuation of what would be an outwardly extended portion similar to the strip 16, shown in Fig. 9, and which is back of said strip 16 in the figure. The strip 17 is therefore an integral part of the single piece from which the back is formed. By reference to Fig. 8, the marginal lines of the strip 16 top and bottom appear. The strip 17, however, is shown extending over the top of the strip 16 and below the bottom of strip 16, where 16 and 17 join, and back up the side to the top again where the overlaps are secured together. The object of turning in the flap 18 is not only to form a closed edge but to additionally stiffen the spout at the point where the same is joined to the body of the bucket.

As indicated in Fig. 8, the part 17 is wrapped about the part 16 and itself being independently secured by means of rivets, sewing or otherwise to the side strips above the cut 13 so as to form a spout 19 extending outwardly from the body of the bucket at right angles to the seam edge 12, and forming the continuation of the closed portion 14 of the top edge of the bucket.

The portion 20 of the top edge which is not closed will have the edges turned in and secured down upon the side walls by rivets, sewing or otherwise to form hems or closed selvage edges 21 and 22. Within the opening 20 and close to the closed portion 14, a bail 23 has the ends thereof independently secured to each of the side walls. This bail

is formed by folding the strip of fabric upon itself to form a three-ply thickness, as indicated at 24 in Fig. 6.

My pail is simple in construction, can be made very cheaply from a single strip of fabric, will last indefinitely, and at the same time is capable of being folded into a very small and compact bundle. The spout 19, however, in combination with the closed portion of the top provides an exceedingly convenient and accurate means of introducing the water into the receiving opening of the radiator.

I claim:

1. A collapsible folding bucket formed of a single piece of fabric, one set of side walls being folded throughout its length and secured together in a triple seam, the other set of side edges being transversely cut across a short distance from the top of the bucket and secured together in a triple seam below said cut, the portion of the side edges above said cut having a strip of fabric wrapped around the same and secured to the side members independently to form a spout turned at an angle to the sides of the bucket.

2. A collapsible folding bucket formed of a single piece of fabric, one set of side walls being folded throughout its length and secured together in a triple seam, the other set of side edges being transversely cut across a short distance from the top of the bucket and secured together in a triple seam below said cut, the portion of the side edges above said cut having a strip of fabric wrapped around the same and secured to the side members independently to form a spout turned at an angle to the sides of the bucket, the top edges being partly closed above and adjacent said spout, and a bail secured to the sides within the open portion of the top.

3. A collapsible folding bucket formed of a single piece of fabric, one set of side walls being folded throughout its length and secured together in a triple seam, the other set of side edges being transversely cut across a short distance from the top of the bucket and secured together in a triple seam below said cut, one of the side walls above said cut being formed with a strip of material extending in parallel relation with said last named triple seam, which strip of material is wrapped around the portions of the side wall extending above said cut and independently secured to said portions to form a spout turned at an angle to the sides of the bucket.

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

EDWARD ELLIS.

Witnesses:
D. E. SHIPMAN,
GEO. E. YOUNG.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."