

Nov. 5, 1929.

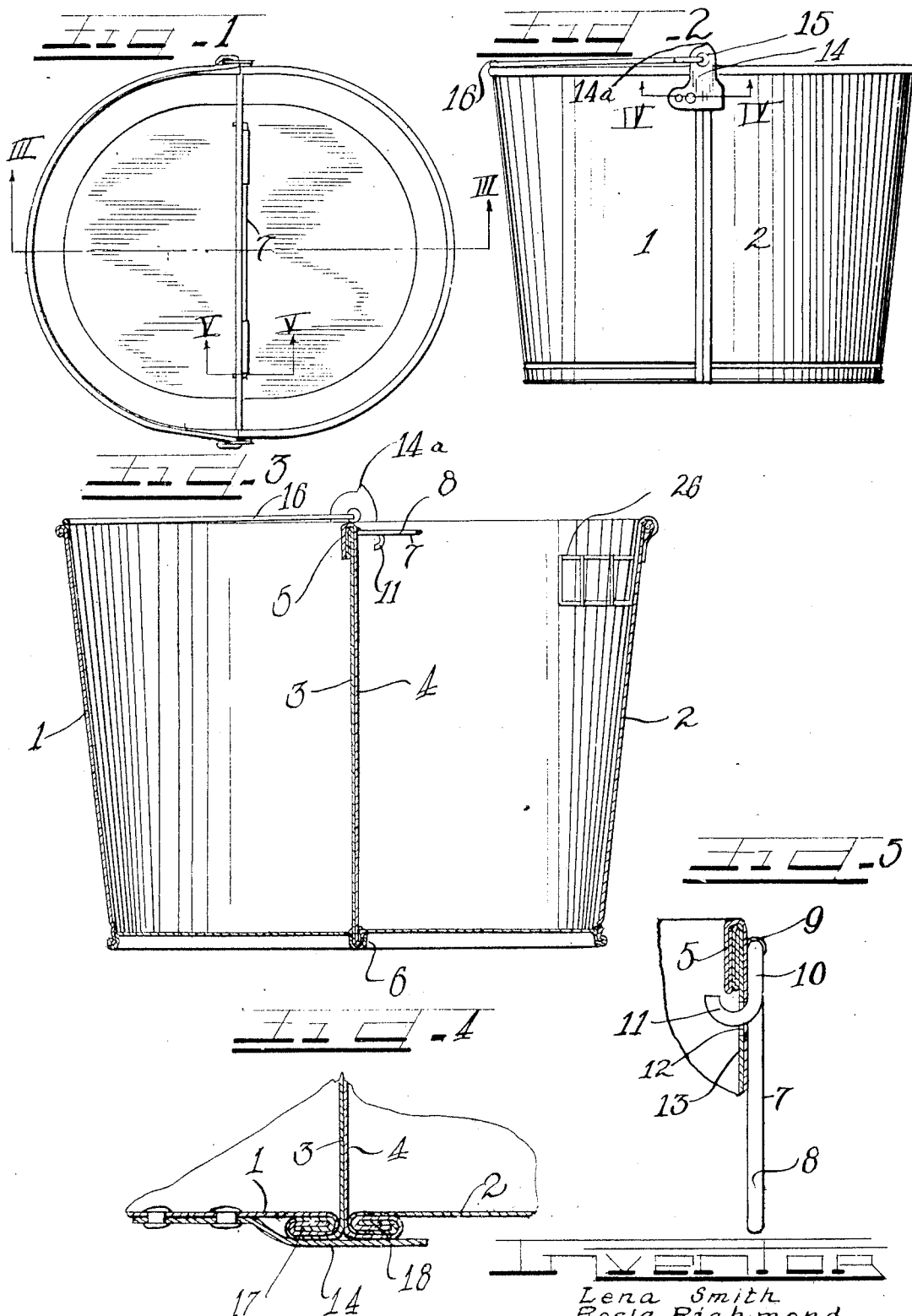
L. SMITH ET AL

1,734,352

BUCKET

Filed March 11, 1926

2 Sheets-Sheet 1



Lena Smith
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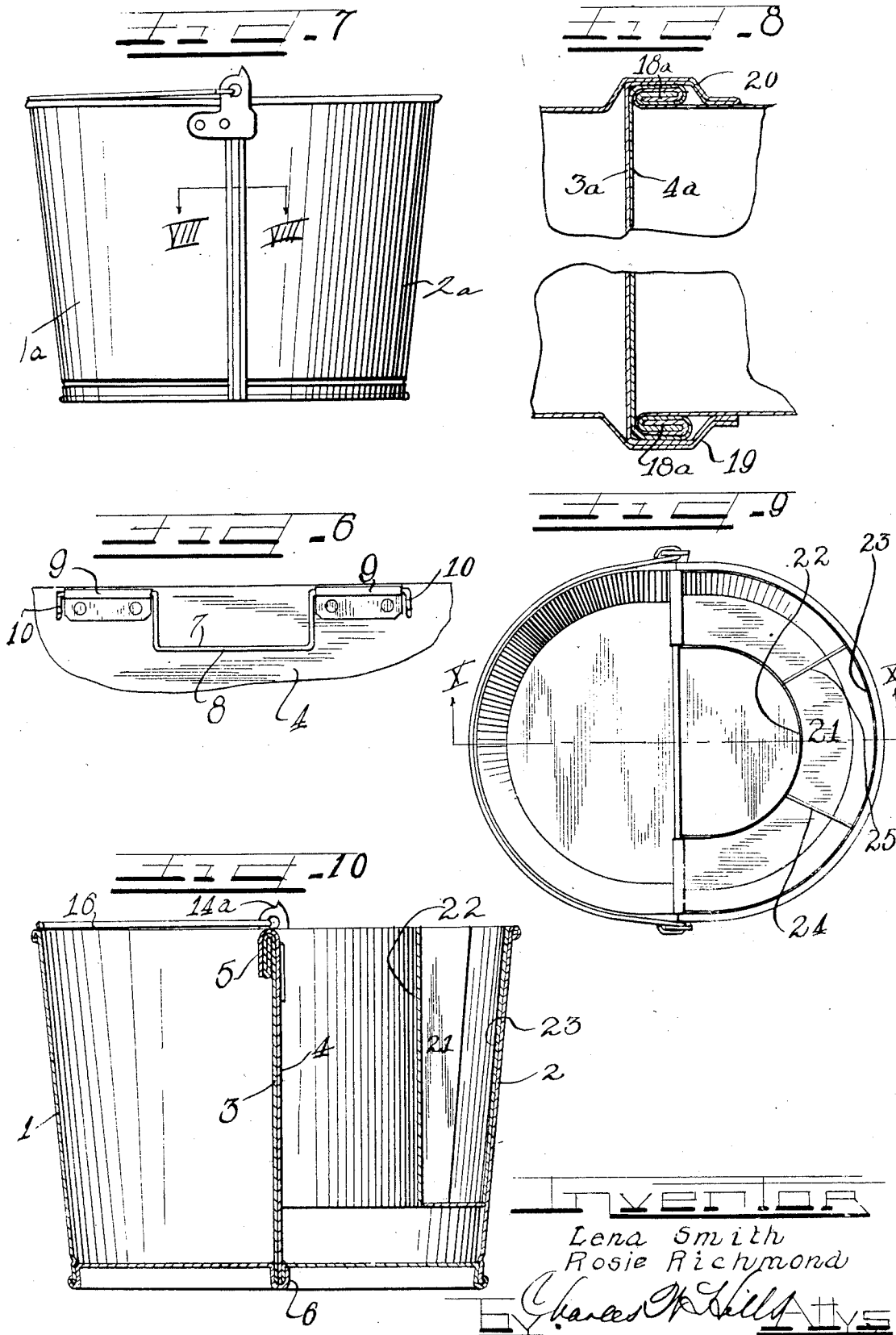
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BUCKET

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2 Sheets-Sheet 2



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BUCKET

Application filed March 11, 1926. Serial No. 93,841.

This invention relates to buckets in general and more particularly to such buckets as are provided with a plurality of compartments, one for instance for cleansing or soapy water and another for rinsing or clean water.

In buckets of this type which have been used heretofore it has been necessary to carry the entire bucket, including both compartments, in case it was desired to empty or to renew the water in one compartment.

It is accordingly an object of this invention to provide a bucket of the above type in the use of which it will not be necessary to transport the entire bucket including all of the compartments therein in case it is desired to empty or refill one of the compartments thereof.

It is further an important object of this invention to provide a bucket of the above type having separable compartments in which there is provided an improved means for locking the component parts of the bucket together for carrying the same as one bucket.

Other and further objects of this invention will be apparent from the disclosures in the specification and accompanying drawings.

The invention (in a preferred form) is illustrated in the drawings and hereinafter more fully described.

On the drawings:

Figure 1 illustrates a plan view of a bucket embodying this invention.

Figure 2 is a side elevation of the same.

Figure 3 is a vertical section taken at the line III—III of Figure 1.

Figure 4 is an enlarged fragmentary detail horizontal sectional view taken at the line IV—IV of Figure 2.

Figure 5 is an enlarged fragmentary detail vertical sectional view taken at the line V—V of Figure 1.

Figure 6 is a reduced fragmentary view taken from the right of Figure 5.

Figure 7 is a side elevational view showing a modification.

Figure 8 is an enlarged fragmentary horizontal sectional view taken at the line VIII—VIII of Figure 7 and with parts omitted.

Figure 9 is a plan view showing a modification.

Figure 10 is a vertical section taken at the line X—X of Figure 9.

As shown on the drawings:

A bucket is provided having two sections 1 and 2 respectively. The sections 1 and 2 are substantially semi-cylindrical in shape, each having an opposite flat vertical wall 3 and 4 respectively. When the sections 1 and 2 are secured together as shown, they combine to form a bucket which is substantially cylindrical in shape with the exception that the outer walls of said bucket diverge slightly as they extend upwardly as is the case with buckets in general. The flat vertical walls 3 and 4 will be in juxtaposed relation with each other. The upper edge of the wall 4 is provided with a marginal portion which is bent outwardly and downwardly to provide a downwardly bent extension 5 which is shown hooked over the upper edge of the wall 3 for holding the two sections together. The bottoms of the sections 1 and 2 are raised as is common practice in bucket construction.

The section 1 is provided with an upwardly hooked projection 6 at the lower inner edge thereof and extending transversely along the bottom edge of the wall 3 for hooking under the lower edge of the wall 4 to assist in holding the two sections 1 and 2 together. The projection 6 is preferably integral with the bottom of the section 1 but it may be integral with the walls or merely welded on said section.

A handle 7 is provided for carrying the section 2 separately from the section 1 and also acts to lock the two sections together. The handle 7 comprises a rod, the middle of which is bent in the form of a U-shaped handle portion 8 and which is hinged in a pair of brackets 9 riveted to the wall 4 adjacent the upper edge thereof. The outer ends of said rod are each bent downwardly in the plane of the handle portion 8 which normally depends between the brackets 9 against the wall 4, said ends forming stops 10 which limit the upward rotational movement of the handle portion 8 in the brackets 9 when said portion is used to carry the section 2 separately. The extreme ends of said rod outward of

the stops 10 are bent from the afore-described downward position of the latter to form a pair of hooks 11 which in said position are adapted to extend through corresponding apertures 12 and 13 in the walls 3 and 4 respectively for locking the two sections 1 and 2 together.

A pair of opposite ear-shaped brackets 14 are secured on the outside of the section 1 near the upper edge thereof at the edges of the wall 3. The bracket 14 are each apertured as at 15 to receive and support a bail 16, the apertures 15 having the centers thereof in substantial vertical alignment with the wall 3 so that when the two sections 1 and 2 are together, the combined bucket including both sections may be carried evenly through said bail. The brackets 14 project beyond the edges of the wall 3, not only to permit the apertures 15 to be in the aforedescribed alignment so that the bail 16 may carry the combined bucket, including both sections, evenly, but also to afford a lateral support for preventing the section 2 from moving laterally relative to the section 1. Integral stops 14^a are provided on the brackets 14 to limit the upward rotational movement of the bail 16 when the latter is used to carry the section 1 separately.

As shown more particularly in Figure 4 the walls 3 and 4 of the sections 1 and 2 respectively are cut separately from the walls forming the semi-cylindrical portions of their respective sections and are secured to said portions by upwardly extending seams 17 and 18 respectively along the side edges of said walls.

As shown in Figures 7 and 8, however, a modification is shown wherein are designated walls 3^a and 4^a corresponding to walls 3 and 4. In this modification the semi-cylindrical portion of the walls of a section 1^a is cut integral with the wall 3^a and is shaped along the upwardly extending edges of the wall 3^a to provide opposite creased projections 19 and 20. The projections 19 and 20 form upwardly extending guides adapted to receive the seams 18^a of a section 2^a and corresponding to the seams 18. The projections 19 and 20 thus act not only as a lateral support for holding the two sections 1^a and 2^a together, but also act to lock the latter together.

As shown in Figures 9 and 10 there may be provided an arcuate tray 21 having substantially semi-cylindrical walls 22 and 23, a suitable bottom, and walls and transverse inner walls 24 and 25 for providing a plurality of compartments in case it is desired to use one of the buckets for holding a plurality of liquids or substances which it is not desired to have mixed together. The outer wall 23 of the tray 21 conforms substantially to the inside of the wall of the bucket section 2 and since the ends of the tray 21 extend substantially to the flat wall 4, downward movement of the tray 21 in the section 2 is limited.

As shown in Figure 3, a soap tray 26 may be hung in the bucket within one of the sections thereof.

In the use of the foregoing bucket, as for instance for scrubbing, the two sections 1 and 2 may be filled with water and carried as one bucket to the place where it is to be used. The water in one section may be used for soapy or cleansing water and the water in the other section for clean or rinsing water. It is very likely that the water in the first section will need to be renewed first. The handle 7 may be moved outwardly as shown in Figure 3, withdrawing the hooks 11 from locking engagement in the apertures 12 and 13 and the section 2 lifted upwardly relative to the section 1 releasing the extension 5 and projection 6 from connecting engagement between the two sections, thus separating the sections. The first section may then be carried away separately without the added burden of carrying the other section also and the water in said first section renewed.

We are aware that many changes may be made and numerous details of construction may be varied through a wide range without departing from the principles of this invention and we therefore do not purpose limiting the patent granted hereon otherwise than necessitated by the prior art.

We claim as our invention:

1. A bucket comprising two detachable sections, each having a flat wall portion, said portions being in juxtaposed relation with each other, said portions each having an aperture therein, the aperture of one communicating with the aperture of the other, and a manually movable locking member mounted on one of said sections and projectable into said apertures for locking said sections together.

2. A bucket comprising two detachable sections, each having a wall portion, said portions each having an aperture therein, the aperture of one communicating with the aperture of the other, and a movable locking member mounted on one of said sections and projectable into said apertures for locking said sections together.

3. A bucket comprising two detachable sections, each having a flat wall portion, said portions being in juxtaposed relation with each other and a combined handle and locking member mounted on one of said sections and for coacting with the other of said sections for locking said sections together.

4. A bucket comprising two detachable sections, each having a flat wall portion, said portions being in juxtaposed relation with each other, brackets mounted on one of said sections adjacent the side edges of the flat wall portion thereof, said brackets extending beyond the side edges of the flat wall portion of the other section and acting as a lateral support therefor and means for disconnect-

ingly engaging said sections with each other.

5. A bucket comprising two detachable sections, each having a flat wall portion, said portions being in juxtaposed relation with each other, seams along the side edges of the flat wall portions on said sections, projections along the side edges of one of said flat wall portions, said projections extending over said seams to act as a guideway therefor, and means for disconnectingly engaging said sections one with the other.

6. A bucket comprising a pair of detachably connected sections, a bail on one of said sections for carrying one or both of said sections, and a bail individual to the other of said sections, said last mentioned bail being engageable with both of said sections to aid in removably locking said sections together.

7. In a bucket, a pair of detachably associated sections, means on one of said sections to embrace a lower portion of the other of said sections, means on one of said sections to embrace an upper portion of the other of said sections, means to prevent relative lateral movement between said sections, and a bail secured to said last mentioned means in such a manner that said bail may overhang the crevice between said sections.

8. As an article of manufacture, a bucket including a pair of detachable sections, means on one of said sections extending outwardly to embrace a portion of the other of said sections to prevent relative lateral movement of said sections, and carrying means for said bucket secured to said first mentioned means in such a manner that said carrying means may lie in a plane including the crevice between said sections.

In testimony whereof we have hereunto subscribed our names.

LENA SMITH.
ROSIE RICHMOND.