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A. CUSICK

2,470,432

TWIN FAILS

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FIG. 1.

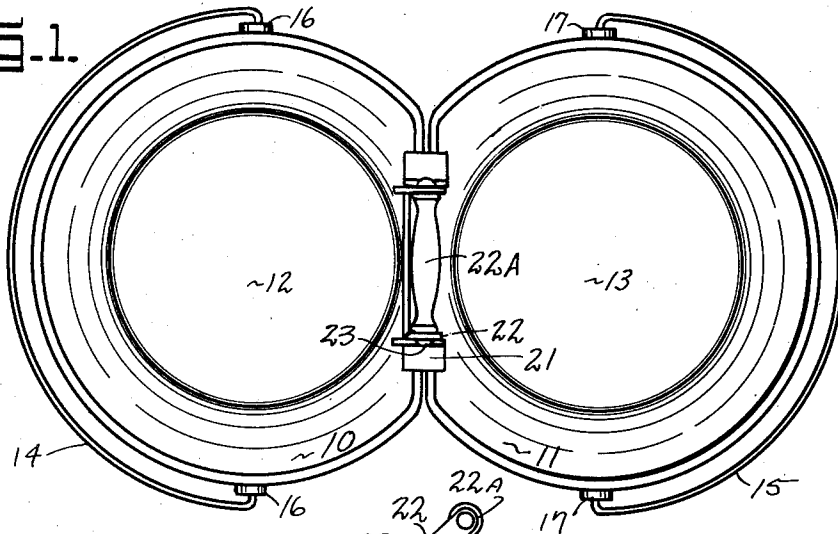


FIG. 2.

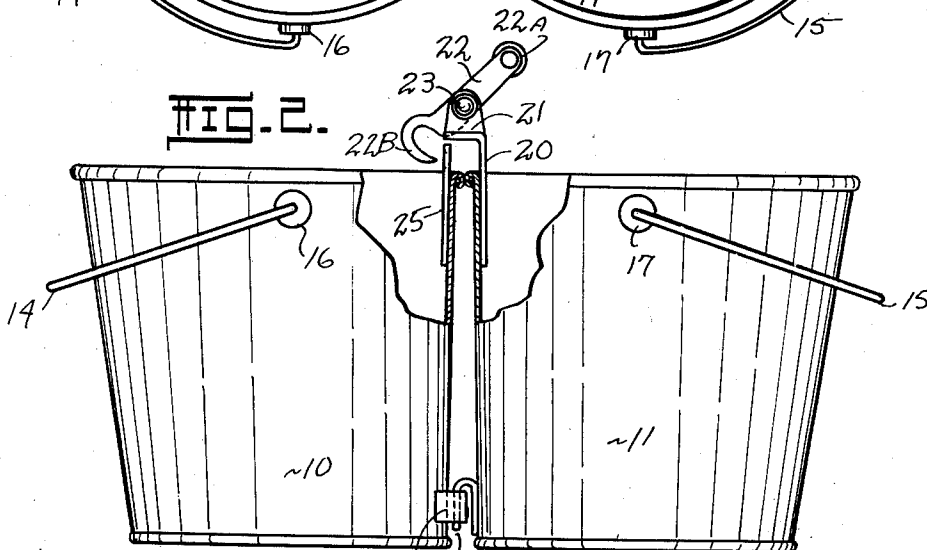
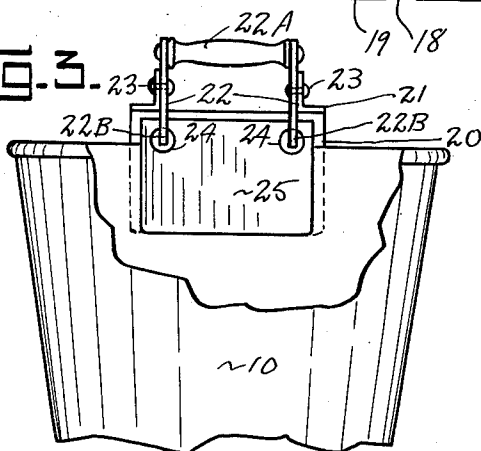


FIG. 3.



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TWIN PAILS

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2 Claims. (Cl. 220-23.4)

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This invention relates to twin pails and more particularly to means for detachably connecting a pair of pails to one another.

The principal object of the invention is the provision of a pair of pails and an attachment means formed between the same, which means may be released to permit pails to be freed from one another.

A further object of the invention is the provision of a pair of pails having attachment means formed therebetween and a common carrying handle on the said attachment means.

A still further object of the invention is the provision of a pair of twin pails having carrying bails thereon and separate releasable means attaching the pails to one another, said means incorporating a carrying handle for carrying both pails.

The twin pails shown and described herein have been designed to form a more convenient twin pail combination than has heretofore been known in the art. It is known that twin pail combinations have been devised and such combinations permanently attached the one pail to the other so that a unit construction was formed which for many purposes was satisfactory and adequate.

The present invention relates to an improvement in twin pail constructions in that the pails are easily released from one another and the resulting construction is particularly adapted for use in wall washing operations wherein a pail of cleaning solution is employed and a pail of rinsing solution is also employed. The twin pails are particularly adapted for use on scaffolds in wall washing operations as they may be turned sideways on the scaffold plank or they may be detached from one another at will. When used in connection with a step ladder, the twin pails disclosed herein may be separated and one placed on the pail holder on the step ladder and the other may be placed on the top step of the step ladder.

A further advantage of the twin pail construction shown and described herein is that it may be readily formed of conventional pails by slight alteration in the circular shape of the pails and the addition of the detachable connecting means disclosed.

With the foregoing and other objects in view which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed can

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be made within the scope of what is claimed without departing from the spirit of the invention.

The invention is illustrated in the accompanying drawing, wherein:

Figure 1 is a top plan view of the twin pails showing the same in attached relation.

Figure 2 is a side elevation with parts broken away and parts in cross section showing the pails in attached position but the attaching means partially detached.

Figure 3 is an end elevation of the twin pails with parts broken away showing a plan view of the attachment means provided.

By referring to the drawings and Figures 1 and 2 in particular, it will be observed that a pair of pails 10 and 11 are disclosed which include bottom members 12 and 13, respectively, and bails 14 and 15, respectively. The bails 14 and 15 are attached to the sides of the pails 10 and 11 by means of brackets 16 and 17, respectively. The twin pails 10 and 11 while having normally round bottoms 12 and 13, respectively, each have one portion of their side wall section partially flattened, as best shown in Figure 1 of the drawings, so that they may be positioned in adjacent relationship to one another in order that attachment means formed on the twin pails 10 and 11 may be employed in attaching the two together.

In Figure 2 of the drawings the attachment means may be seen to comprise a hook member 18 formed on the pail 11 and a loop member 19 formed on the pail 10, the hook 18 and the loop member 19 being located in registering positions on the flattened sides of the pails 10 and 11 so that the hook 18 may be readily engaged in the loop 19 and, when so engaged, will hold the bottom area of the pail 11 adjacent the bottom area of the pail 10. The uppermost edges of the pails 10 and 11, and particularly the flattened, adjacently located sections as shown, are provided with means for mutual engagement, the said means comprising a bracket 20 positioned on the pail 11 and extending above the uppermost edge of the rims thereof and having a pair of out-turned and upturned members 21 formed thereon to pivotally receive a U-shaped handle and attachment member (see Figure 3).

The U-shaped handle and attachment member includes a handle portion 22A transversely positioned between a pair of attachment members 22 which in turn are pivoted as by means of pivots 23 to the out-turned and upwardly turned members 21 formed on the bracket 20 and attached to the pail 11.

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Still referring to Figure 2 of the drawings it will be seen that when the pair of attachment members 22 are moved as by motion imparted to the handle portion 22A, they will pivot on the pivots 23 which are on a horizontal plane, and cause their lowermost ends, which are formed in hooks 22B, to move inwardly or outwardly with respect to a pair of openings 24 formed in a plate 25 and attached to the pail 10.

It will be observed that when the attachment members 22 are in vertical position, the hook portions 22B thereof may be in engagement with the openings 24 in the plate 25 formed on the pail 10, and that at such times, the twin pails may be conveniently carried by the handle 22A.

It will also be seen that at such time as the attachment members 22 are moved out of vertical position, as for example, in Figure 2, the hook portions 22B thereof will disengage the openings 24 in the plate 25 formed on the pail 10. The pail 11 may then be left to disengage the hook 18 from the loop 19 and thereby be completely free of attachment with the pail 10.

As used in wall washing operations, the twin pails are particularly advantageous as it will readily be observed that the pail 10 may be used for the wall washing solution which does not need to be changed, and that the pail 11 may be used for the rinsing solution which is usually clear water and must therefore be changed quite often during the wall washing operation. The twin pails, both containing solutions, may be conveniently carried to the job by the common handle 22A and at such times as it is desirable to change the rinsing solution in the pail 11, which is normally frequently done during the wall washing operation, the handle 22A may be moved to tilt the attachment members 22 and disengage the hooks 22B and the pail 11 will be separated from the pail 10 so that it may be easily carried off and the rinsing solution therein changed. This considerably simplifies the wall washing operation and at the same time enables the advantages of the twin pail construction to be realized.

It will be obvious to those skilled in the art that many equally other advantageous uses may be found for the detachably connected twin pails and it will further be seen that the twin pail construction may be conveniently and economically formed and hence widely distributed.

Having thus described my invention, what I claim is:

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1. A pair of pails each having bails and each having a flattened side section so that they may be positioned adjacent one another, a bracket positioned on the flattened section of one of the pails and extending above the rim thereof, a pair of attachment members pivoted to the said bracket, and in spaced relation to one another, a handle spacing and holding the said attachment members at their uppermost ends, hooks formed on the lowermost end of the said attachment members, a plate positioned on the flat section of the other one of the said pails and extending above the rim thereof and having a pair of openings formed therein, the said hooks on the said attachment members being adapted to register with the said openings when the attachment members are in vertical position so that the twin pails may be carried by the said handle member and held in engaged position thereby.

2. A pair of pails each having bails, a bracket positioned on one of the pails and extending above and over the rim thereof, a pair of attachment members pivoted to the said bracket in spaced relation to one another, a handle spacing and holding the said attachment members at their uppermost ends, hooks formed on the lowermost end of the said attachment members, a plate positioned on the other one of the said pails and extending vertically above the rim thereof and having a pair of openings formed therein, the said hooks on the said attachment members being adapted to register with the said openings when the attachment members are in vertical position so that the twin pails may be carried by the said handle member and held in engaged position thereby.

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