This invention relates to attachments for pails and is designed to be of assistance to housewives while performing their daily chores of cleaning by making it possible to retain all the necessary accessories for such duties together.

A primary object of the invention is to provide a device adapted to readily engage the sides of a pail or bucket and be suspended therefrom, at the same time receiving brushes, soap and the like auxiliary items used when cleaning.

Another object of the invention is to eliminate the usual wet areas and stains left by soaps and brushes when the device of the invention is not employed, thereby forcing the housewife to place the wet soap or brush on the floor when not being used, or, if placed in the bucket itself, splashing the contents thereof and wasting soap due to the constant wetting thereof.

And another object of the invention is to construct the bucket attachment of a single strip of material, thereby saving considerably in the cost of manufacture, yet retaining the benefits of durability, strength and pleasing design.

The invention accordingly comprises the features of construction, combination of elements and arrangements of parts, which are exemplified in the description in connection with the accompanying drawings, and the scope of which will be indicated in the following claim.

In the accompanying drawings, in which is illustrated one of various possible embodiments of the invention.

Figure 1 is a perspective view of the device of the invention in position on a water bucket and containing auxiliary washing equipment therein;

Figure 2 is a view illustrating the blank from which the attachment of the invention is cut; and

Figure 3 is a perspective view of the bucket attaching means.

The housewife is usually inconvenienced when washing floors, stairs, windows, etc., in that she generally has no convenient place for keeping the soap, powders, and brushes used in performing such duties. By the device to be hereinafter described, such annoyances are obviated. While the attachment has been described as being adaptable for use by housewives, it is apparent that it may be used in hospitals, hotels and the like, wherever it is necessary to do hand cleaning of the premises.

Referring to the figures, the device of the invention is indicated generally at 16 and is illustrated in suspended attachment on a suitable bucket 12 on the annular rim 14 thereof. The bucket attachment is preferably constructed out of a single blank of material, such material being of steel, metal alloys or plastic, as may be desired. Bucket attachment 16 consists of a pair of side wall members 16 and a bottom wall 18. Side walls 16 taper upwardly and inwardly slightly at 20 to correspond with the taper of a bucket 12. Member 16 is laterally offset at 22 to accommodate a spaced dog ear portion 24 depending from the upper extremity of side walls 16 and constituting the attaching means to the bucket. The blank 10 is cut out with a V-taper to include bottom wall 18 extending with curved sides 25 from the medial portion thereof. Walls 16 include transverse slots 28, of which there are four in number, and for a purpose presently to be described. A pair of aligned, spaced slots 30 are cut into blank 16 as is shown in Figure 2.

Bottom 18 includes a concavely curved section 32 and a pair of laterally extending lugs or prongs 34. The portion of wall 18 adjacent the walls 16 are cut out to form a second pair of lugs or prongs 36, bottom 18 being slit at 38 and scored at 40 and 42.

When assembling the device, wall 18 is bent on the scored portion 42 and then bent back again on the scored portion 40, lugs 34 entering transverse slots 28 adjacent thereto. The protruding extremities of lugs 36 are then bent upwardly as is clearly visible in Figure 3. Bottom 18 now extends laterally and side walls 16 are bent to conform to the curvature 26 of wall 18, lugs 34 entering the other pair of transverse slots 28 and are then bent over in the manner described above. The holder is now ready for mounting, and this is accomplished as is clearly shown in Figure 1, by slipping ears 24 over the interior surface of bucket 12, the rim 14 thereof sliding in the space between ear 24 and wall 16. Notches 30 are employed to retain a squeegee 44 therein, while the remainder of the tray will hold other suitable cleaning auxiliaries. A space 46 for the name of the device is provided by the front wall.

While the specification sets forth in detail the present and preferred construction of the device, it is to be understood that deviations may be resorted to as do not form a departure from the spirit of the invention as defined by the appended claim.

Having described the invention, what is claimed as new is:

A detachable tray for a scrub pail constructed from a blank of material comprising a bottom wall having front and rear edges and curved side edges, prongs extending from the front edge and...
further prongs extending from the side edges adjacent the rear edge, curved side walls conforming to the curve of said front edge and said side edges of said bottom wall and having slots receiving all of said prongs, euro integral with said side walls for removably attaching said tray to the pail, and aligned slots at the upper edges of said side walls for receiving a squeegee.

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