(No Model.)

C. A. INGLIS.

SOAP DISH AND BRUSH HOLDER FOR SCRUB BUCKETS.

No. 450,462. Patented Apr. 14, 1891.

Fig. 1.

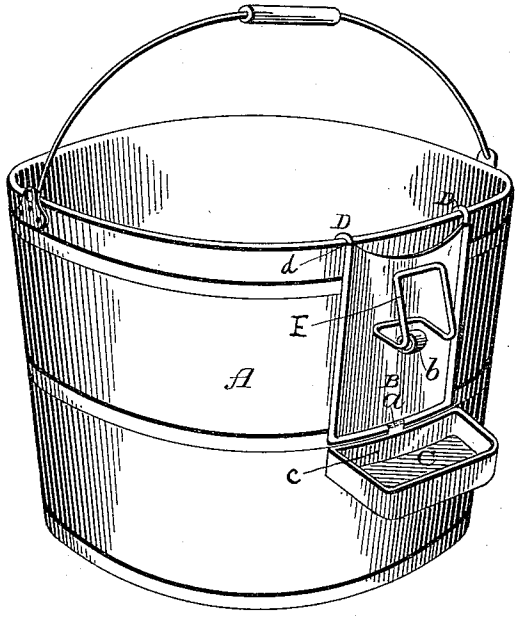


Fig. 2.

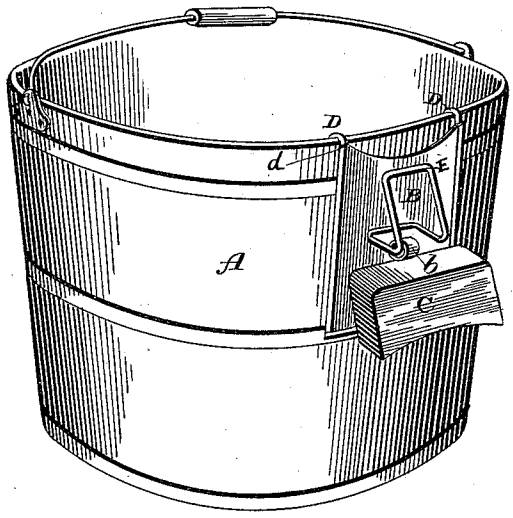
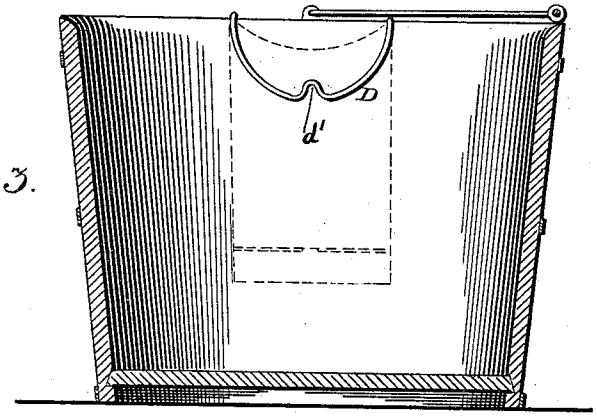


Fig. 3.



WITNESSES:

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UNITED STATES PATENT OFFICE.

CHARLES A. INGLIS, OF LANCASTER, PENNSYLVANIA.

SOAP-DISH AND BRUSH-HOLDER FOR SCRUB-BUCKETS.

SPECIFICATION forming part of Letters Patent No. 450,462, dated April 14, 1891.

Application filed October 21, 1890. Serial No. 368,824. (No model.)

To all whom it may concern:

Be it known that I, CHARLES A. INGLIS, a citizen of the United States, residing in Lancaster, in the county of Lancaster and State of Pennsylvania, have invented certain Improvements in Soap-Dishes and Brush-Holders for Scrub-Buckets, of which the following is a specification.

This invention relates to improvements in combined soap-dishes and brush-holders; and the object of my invention is to provide a simple, cheap, and convenient device having a soap-dish fastened thereto adapted to fold up against the back plate and means for holding a brush, the parts being especially constructed to be attached to a scrub-bucket, tub, or other like vessel; and the invention consists in the peculiar construction and combination of parts hereinafter described, and specifically pointed out in the claims.

In the accompanying drawings, which form a part of this specification, Figure 1 is a perspective view of my device, showing the same attached to a scrub-bucket and with the soap-dish turned down in the position it occupies when the bucket is in use. Fig. 2 is a similar view, but showing the soap-dish turned up against the back plate, as when the device is not in use. Fig. 3 is an elevation of the inside of a section of a bucket, showing a back view of the spring-hook which supports the device.

Similar letters indicate like parts throughout the several views.

Referring to the details of the drawings, A indicates a scrub or any other ordinary bucket.

B represents a concavo-convex plate shaped throughout to fit close up against the side of a bucket and having a spring-hook D fastened to the upper end. The spring-hook has its ends *d* to extend into a bead G, which is formed upon the vertical edges of the plate B, and down to its lower edge the upper portion of the wire is curved outward and downward, forming a continuous curve between their points of connection, said downward curve bearing inward and forming at the same time a concavo-convex curve of such shape as to conform with the shape of the bucket and the plate B and adapted to take over the edge of the bucket and hold the plate B firmly thereto. In the center of the spring-hook is formed a recess *d'*, by means of which the holder can be hung to a nail or hook when detached. Also formed along the lower edge of the plate B is a bead L, into which a wire is placed, or the wire which forms the spring D can be bent around the sides and bottom edge of the plate B, as may be found most convenient.

G indicates a soap-dish having the rear side *c* concavo-convex in shape to correspond with the plate B and fit close up to a bucket when the device is attached thereto and the dish G folded down, as shown in Fig. 1. The dish is secured to the plate B at the center by an eye *a*, through which the wire which passes through the lower bead of the plate B also passes and forms a bearing for the eye, which together form a hinge *a*, thus permitting the free movement of the dish about the hinge notwithstanding the form of the plate B and the rear side of the soap-dish. Above the soap-dish there is a spring *b*, fastened to the front of the plate B and adapted to engage the soap-dish and hold it in place when it is folded up, as shown in Fig. 2, while above the spring *b* there is a brush-holder E, formed of spring-wire and secured to the plate B. When the bucket is not in use or when it is being carried from place to place, the soap-dish may be folded up and the scrubbing-brush wedged between the spring E and the plate B.

My holder is cheap and simple in construction and is particularly effective in use. Throughout its whole extent the hook presses firmly against the inner wall of any circular vessel of a size it is made to engage, and by reason of its shape and the shape of the back plate the latter is held rigidly against the side of the vessel. The concave back of the soap-dish being constructed to fit closely against the side of the vessel, all strain on the hinge connecting it with the back plate arising from pressure on any part of the front of the dish is avoided.

By means of the construction above described the wire is made to brace and strengthen the plate, and by bending its upper portion, as described and shown, it firmly

clasps the plate to the bucket. Since the plate B is made concavo-convex, it will be seen that the construction makes it necessary to hinge the soap-dish only at its center, for if hinges were applied to its sides the soap-dish could not be turned upon its hinge, but would be rigidly secured to the lower end of the plate. It is quite as essential for convenience to have a brush-holder as it is to provide a support or holder for the soap, and it will be seen by the construction herein shown and described that the brush is supported above the catch *b*, so as to be out of the way of the soap-dish C, while at the same time it is held in a convenient position for the operator and need not be thrown into the tub, as is usual, and thereby become injured by the water soaking the back loose, which loosens the brush-fiber.

I am aware that there is a soap-dish in use having a straight flat back and pivoted at the ends to side flanges formed on the ends of attaching-plates secured to a bucket, and that there is a similarly-constructed soap-dish hinged to a flat back plate constructed with a flat hook adapted to take over the edge of a vessel. I therefore do not claim such construction, broadly; but

What I do claim as my invention, and desire to secure by Letters Patent, is—

1. An attachment for tubs or buckets, consisting of a plate which is concavo-convex in cross-section, a spring-clasp at its upper end which passes over the upper edge of the bucket, a bearing at the center of the lower edge of the plate, a soap-dish, and an eye at the center of the soap-dish which passes around the said bearing, substantially as shown and described.

2. An attachment for buckets, consisting of a plate having beads along its sides, a wire having its ends extending into the beads and its center portion bent inward and downward, forming a portion of a circle, as described, and an upward bend *d'*, for the purpose described, and a soap-dish connected to the said plate, substantially as shown.

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Witnesses:
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