No. 674,689. Patented May 21, 1901.

J. H. & W. W. STULL.

WASHBOILER.

(Application filed Mar. 8, 1900. Renewed Apr. 25, 1901.)

(No Model.)

Fig. 1.

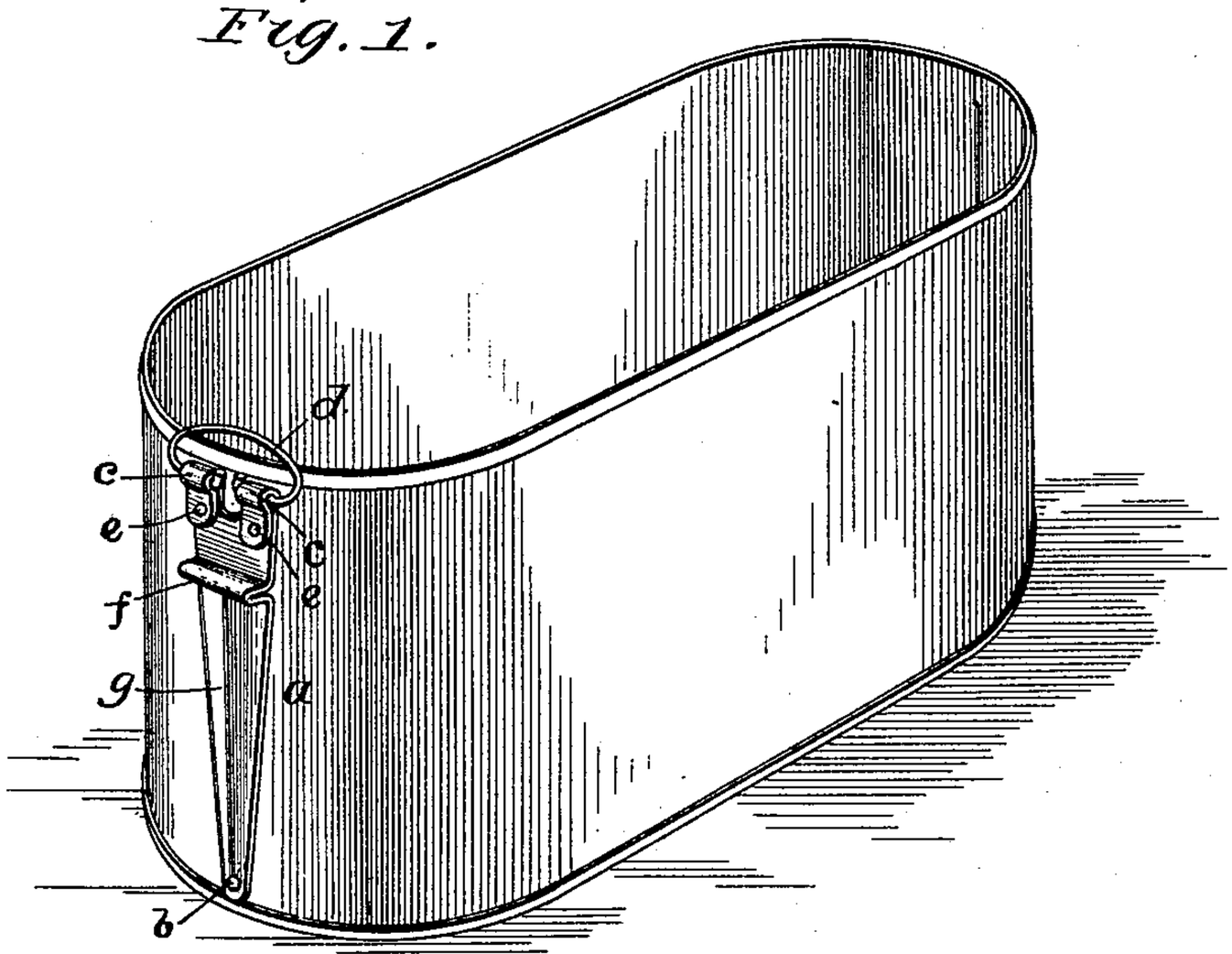


Fig. 3.

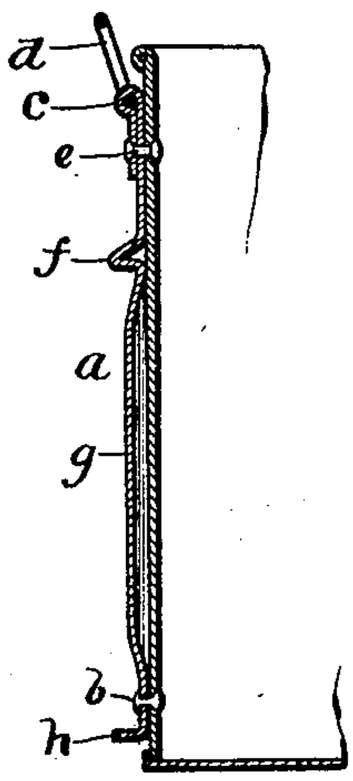


Fig. 2.

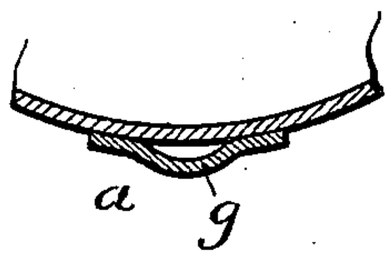
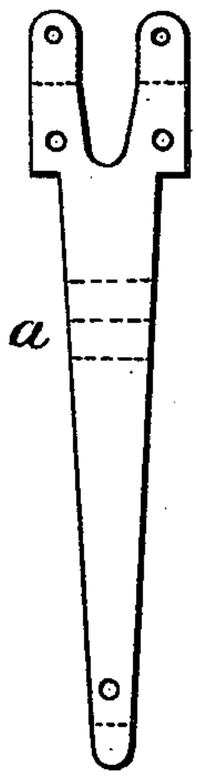


Fig. 4.



Witnesses
Wm H Babcock
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THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

JACOB H. STULL AND WILLIAM W. STULL, OF FREMONT, OHIO.

WASHBOILER.

SPECIFICATION forming part of Letters Patent No. 674,689, dated May 21, 1901.

Application filed March 8, 1900. Renewed April 25, 1901. Serial No. 57,515. (No model.)

To all whom it may concern:

Be it known that we, JACOB H. STULL and WILLIAM W. STULL, citizens of the United States, and residents of Fremont, county of Sandusky, State of Ohio, have invented certain new and useful Improvements in Washboilers, of which the following is a specification, reference being had therein to the accompanying drawings, in which—

Figure 1 is a perspective view of a washboiler provided with our attachment; Fig. 2, a detail transverse section taken through the attachment below the supporting-lip; Fig. 3, a vertical section through one end of the washboiler, showing our device in vertical section, the lower extremity of the attachment being provided with an additional supporting-lip; and Fig. 4, a plan view of the sheet-metal blank which is bent up to form the attachment.

The object of the invention is to provide a washboiler or other sheet-metal vessel with a simple attachment that will enable the boiler to be tilted easily in emptying its contents into a tub or other vessel without scalding the hands and without indenting or otherwise injuring the end or side of the vessel to which it is attached, as more fully hereinafter set forth.

The attachment consists of a comparatively narrow strip *a* of malleable sheet metal, riveted to the exterior of the washboiler at its end and extending substantially its full depth and transversely bent to fit the rounded exterior of the vessel. The strip tapers toward its lower end and is riveted to the boiler at its lower extremity, as at *b*, and its upper wider portion is bifurcated, and the two parts formed by the bifurcation are bent over and down upon the main part of the strip to form ears *c* for the bail *d*, the rivets *e*, which fasten the ends of the bifurcated parts, serving also to fasten the upper part of the attachment to the boiler. At a suitable point below the handle the strip *a* is folded upon itself transversely, which fold projects from the face of the strip a short distance and forms a supporting-lip *f*, and from this lip to the rivet *b* the strip is provided with a central rib or corrugation *g*, which stiffens it. The strip may be provided with additional lips, bent or struck up from its body. For instance, as shown in Fig. 3, the lower extremity of the strip, below the rivet *b*, may be bent outward to form a supplemental lip *h*.

It will be observed that in emptying the boiler or other vessel the lip *f* is rested upon the rim of the vessel into which the contents of the boiler are to be poured and the boiler then tilted, the operator letting go of the handle or bail *d*. In this way spilling of the contents and scalding of the person handling the boiler are avoided. It will also be seen that the strip serves as a guard-plate, receiving the blows and pressure of the rim of the vessel, and thereby preventing injury to the boiler by indentation. The device also strengthens and stiffens the vessel at the point where it is attached, and it also affords a convenient means for attaching the handle or bail, it being simply necessary to insert the ends of the bail into the ears from opposite ends of the same and then bend laterally the ends of the bail, the bail being thereby permanently attached.

It is obvious that this device may be applied to vessels other than sheet-metal washboilers—as, for instance, washtubs and the like. It will also be obvious that an essential feature lies in corrugating the strip from the supporting-lip *f* approximately to the lower end of the strip and in forming the lip *f* by transversely folding the metal strip, the fold extending continuously and unbrokenly across the strip, whereby the strip will be so greatly strengthened and braced in all directions that it may be formed of very thin sheet metal.

Having thus fully described our invention, what we claim, and desire to secure by Letters Patent, is—

In combination with a vessel, a sheet-metal strip riveted vertically to one side of said vessel and formed into ears at its upper end for the reception of a bail and folded transversely at a point below said ears to form a

lip *f*, said lip *f* extending continuously and unbrokenly across the full width of the strip, and a vertical corrugation being formed in the strip from said lip approximately to the lower extremity of the strip, and a bail or handle attached to the ears at the upper end of the strip, substantially as set forth.

In testimony whereof we hereunto affix our signatures, in the presence of two witnesses, this 19th day of February, 1900.

JACOB H. STULL.
WILLIAM W. STULL.

Witnesses:
WM. GASSER, Jr.,
HERMON LAST.