

No. 635,825.

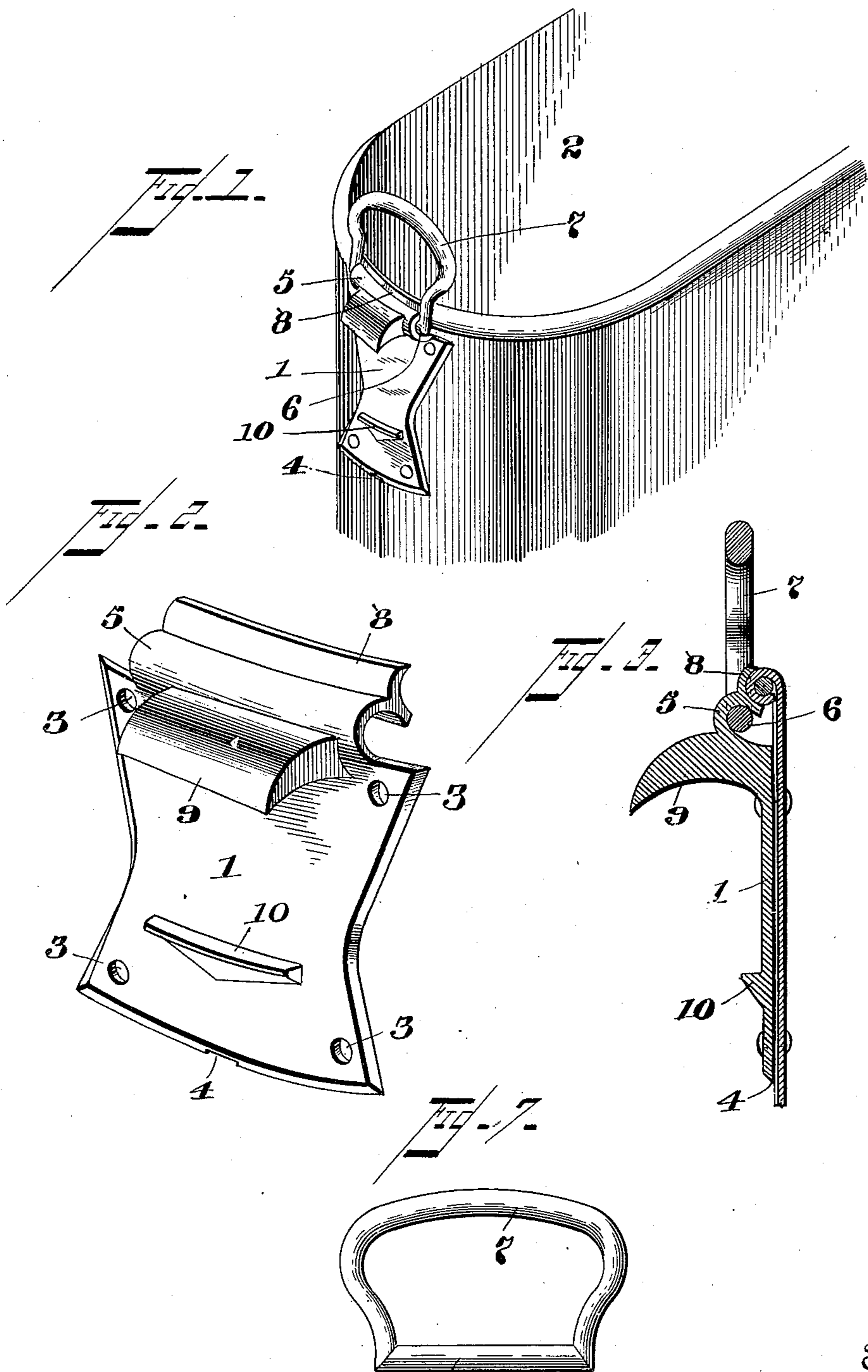
Patented Oct. 31, 1899.

M. M. WALD.
HANDLE FOR WASHBOILERS, &c.

(Application filed June 14, 1899.)

(No Model.)

2 Sheets—Sheet 1.



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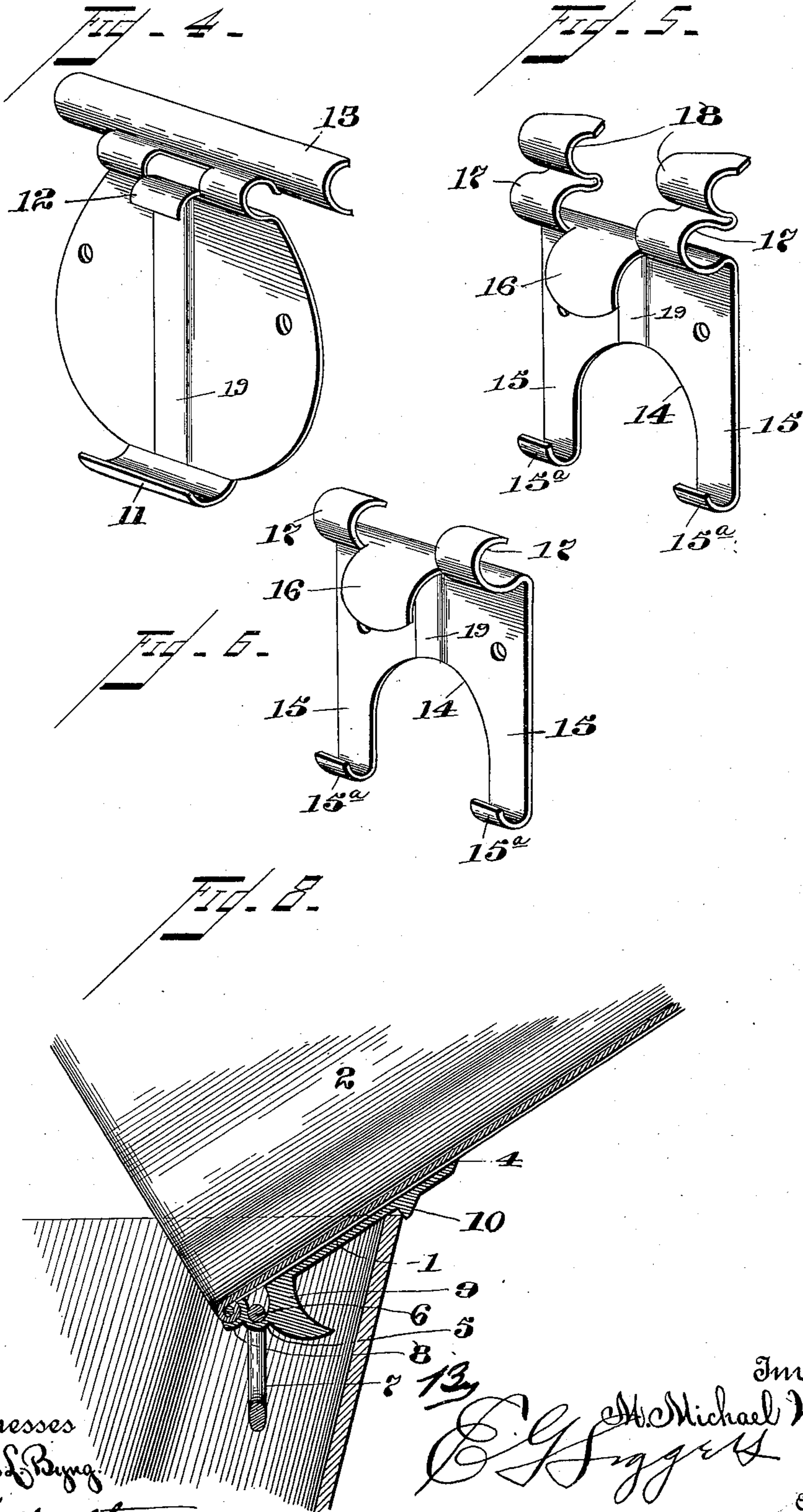
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UNITED STATES PATENT OFFICE.

MAX MICHAEL WALD, OF MADISON, WISCONSIN, ASSIGNOR OF ONE-HALF TO
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HANDLE FOR WASHBOILERS.

SPECIFICATION forming part of Letters Patent No. 635,825, dated October 31, 1899.

Application filed June 14, 1899. Serial No. 720,533. (No model.)

To all whom it may concern:

Be it known that I, MAX MICHAEL WALD, a citizen of the United States, residing at Madison, in the county of Dane and State of Wisconsin, have invented a new and useful Handle for Washboilers, &c., of which the following is a specification.

This invention relates to handles for washboilers and other receptacles; and the object in view is to provide a new article of manufacture in the form of a handle-attaching device which will not only form a support and attaching means for the handle itself, but which will also serve as a brace for the boiler or receptacle at the point where the handle bears against the same, the said attachment, in addition to the above, providing means whereby the boiler or other receptacle when applied to the edge of a washtub will be self-supporting as to one end, enabling the operator to deposit the contents of the boiler in the tub without liability of the boiler slipping off the edge of the tub either in an outward or inward direction.

Other objects and advantages of the invention will be fully pointed out in the course of the ensuing description.

The invention consists in an improved article of manufacture embodying certain novel features and details of construction and arrangement of parts, as fully hereinafter described, illustrated in the drawings, and incorporated in the claims.

In the accompanying drawings, Figure 1 is a perspective view of a washboiler with the improved attachment applied thereto. Fig. 2 is an enlarged detail perspective view of the attachment with the handle omitted. Fig. 3 is a vertical sectional view of the attachment in its applied position, showing also the handle mounted therein. Fig. 4 is a detail perspective view showing one method of stamping or forming the attachment from sheet metal. Fig. 5 is a similar view showing a slightly-modified form of attachment. Fig. 6 is a similar view showing the attachment with the upper-rim hook omitted. Fig. 7 is a detail view of the handle detached. Fig. 8 is a detail section showing the relation of the attachment to the washtub when the washboiler is adjusted to the position for pouring its contents into the tub.

Similar numerals of reference designate corresponding parts in all the views.

The improved article of manufacture contemplated in this invention in its preferred form comprises a body portion 1 of any suitable size, according to the size of the washboiler to which it is to be applied, said body portion 1 being somewhat curved in horizontal cross-section to present a concaved inner surface which conforms as closely as possible to the curvature of the outside surface of the washboiler shown at 2, the outer surface of the body portion 1 having a corresponding convexity. This body portion is provided at suitable points with holes 3 to receive rivets or other fasteners whereby the article is attached to a boiler, and the body portion is further provided with a vertical groove 4 in its inner surface to embrace and receive the projection formed by the seam at one end of the boiler.

At the upper end of the body portion 1 an integral handle-socket 5 is formed, the same being substantially semicircular in cross or vertical section, so as to receive and form a proper bearing for the lower cross-bar 6 of the handle 7, which is thus pivotally connected to the attachment and washboiler, said socket being open at its inner side to permit the cross-bar of the handle to be inserted therein prior to the application of the attachment or article to the boiler or other receptacle. The upper portion of the socket extends inward and downward, bearing against the outer surface of the washboiler and serving to prevent the escape of the handle. Extending upward from the socket is an integral lip or hook 8, which partially embraces the wire rim or reinforced or beaded edge of the boiler. Said hook not only serves to assist in positioning and retaining in position the attachment, but also braces and stiffens the rim or edge of the tub at the point where the handle is located.

Projecting outwardly from the body portion 1 at a point near the junction between the body portion and the handle-socket is a stop or lip 9, which is given a slightly-downward curve, so as to provide a concaved lower surface which will readily engage over the top edge of the washtub and support one end of the boiler when it is desired to empty the

contents of the boiler into the tub. At a point near the lower end of the body portion 1 another outwardly-projecting lip 10 is provided, which serves to engage the edge of the washtub and prevent the boiler from slipping inward and falling into the tub.

The article herein described is preferably formed in one piece and permanently applied to the boiler by rivets.

10 The use of the attachment is not necessarily limited to washboilers, but may be used on tubs, vessels, and receptacles of various kinds.

In Fig. 4 I have shown the article as formed or stamped up from sheet metal, in which case the lower stop will be formed by bending outward the projecting lower end of the body portion, as shown at 11, and the upper stop will be formed by making a U-shaped incision in the metal at the point where the handle-socket is formed and bending the metal bounded by such incision outward and downward, as shown at 12. In this form of attachment the upper hook, which engages the rim of the boiler, is made somewhat longer, as shown at 13, so as to embrace and extend around the greater portion of the rim for giving additional strength thereto and also providing a rest for the handle to bear against when it is thrown upward for lifting the boiler.

In Fig. 5 I have shown a slightly-modified form of the article, the lower part of the body portion being centrally cut away, as shown at 14, and the downwardly-projecting portions 15 of the body on each side of said cut-away part are bent outward and upward to form two lower stops 15'. Substantially parallel incisions are made in the upper edge, and the metal between said incisions is bent outward and downward to form the upper stop, as shown at 16, while the portions of the metal at each side of said stop are bent to form handle-socket portions 17 and two hooks 18, which extend over and embrace the rim of the boiler.

The form illustrated in Fig. 6 is the same in all respects as that shown in Fig. 5, with the exception that the upper hooks which embrace the rim of the tub are omitted, which construction may be found desirable in some cases.

In all forms where the attachment is made out of sheet metal the groove for the seam at the end of the boiler is provided by offsetting or pressing outward the central part of the body in a vertical line to form a hollow rib, as shown at 19 in Figs. 4, 5, and 6.

The article hereinabove described serves as an excellent support for the pivoted handle of the washboiler or other receptacle and materially stiffens said receptacle. It lends additional strength to reinforce the edge of the boiler and forms a rest for the pivoted handle when in position for use. It also provides for properly positioning the boiler with relation to the washtub during the operation of

emptying the contents of the boiler into the tub, the attachment by reason of the stops on its outer surface obviating the liability of the boiler to move either in an outward or inward direction while its end is supported on the edge of the tub.

From the foregoing it is thought that the construction and manner of using and adjusting the herein-described handle for washboilers will be readily apparent to those skilled in the art without further description, and it will be understood that various changes in the form, proportion, and minor details of construction may be resorted to without departing from the spirit of the invention or sacrificing any of the advantages thereof.

Having thus described the invention, what is claimed as new, and desired to be secured by Letters Patent, is—

1. As an article of manufacture, a handle-attaching device for washboilers and the like, consisting of a body portion having integral lips or stops on its outer surface, arranged one at the upper and the other at the lower portion of the body, and an integral handle-socket extending in a curved line from the top of the upper lip toward the boiler to embrace the handle and open on its inner side to receive the handle, said parts being formed in one piece, substantially as and for the purpose specified.

2. As a new article of manufacture, a handle-attaching device for washboilers and the like, formed of sheet metal in one piece, and comprising a body portion having an outbent lip or stop for an angular continuation of its bottom edge, a handle-socket formed by bending the upper edge of the body portion into substantially a half-circle, so as to leave the socket open at the inner side, and a lip at the upper end of the body portion formed by punching a portion of the metal outward from the handle-socket and bending the same to form a stop which is independent of the handle-socket, substantially as specified.

3. As an article of manufacture, a handle-attaching device for washboilers and the like, formed in one piece from sheet metal, and comprising a body portion having its lower edge bent outward to form a lip or stop, the upper edge being bent into substantially semi-circular form to provide a handle-socket open at the inside, an upper lip or stop formed by punching a portion of the metal from the handle-socket and bending the same outward and downward, and a hook extending upward from the upper portion of the handle-socket, and designed to embrace the rim or upper edge of a washboiler or the like, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

MAX MICHAEL WALD.

Witnesses:

F. W. SUHR,

AUG. J. SANTHOFF.