

No. 629,863.

Patented Aug. 1, 1899.

C. W. LASHER.

TUB.

(Application filed Dec. 16, 1898.)

(No Model.)

Fig. 1.

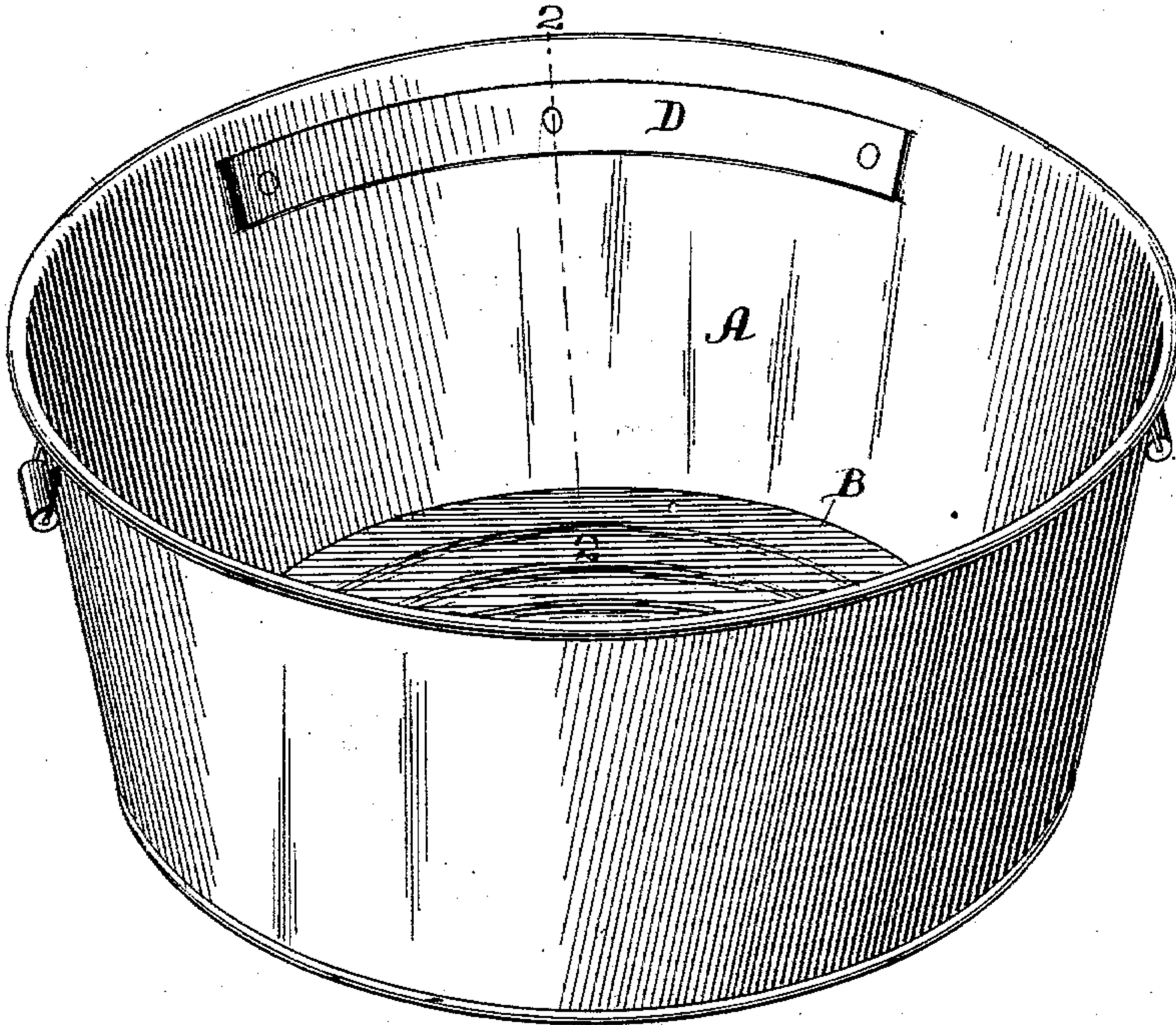
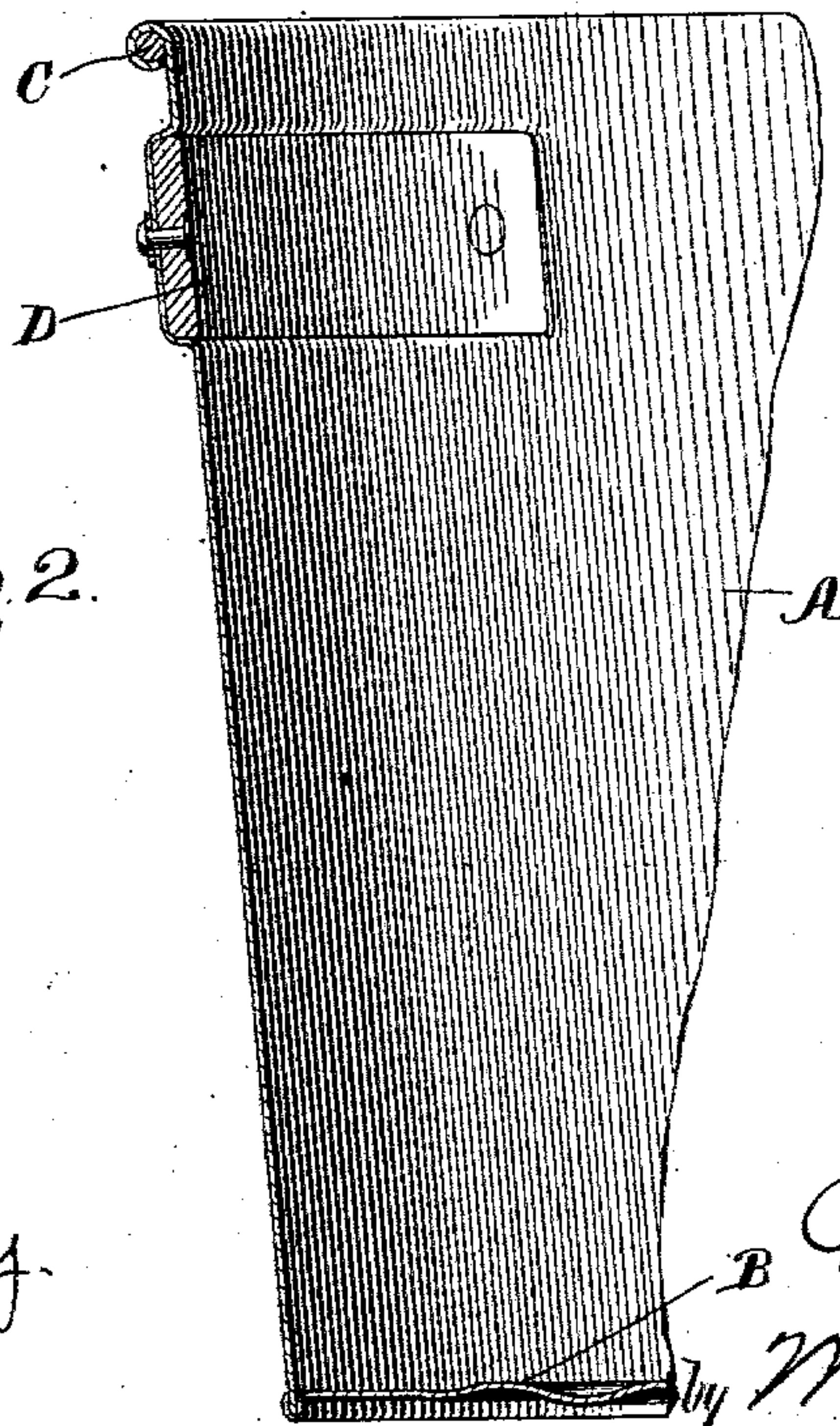


Fig. 2.



Witnesses:
Chas. O. Shervey.
J. Bliss.

Inventor:
Charles W. Lasher
by Miles, Gurnee & Pitman,
Attys.

UNITED STATES PATENT OFFICE.

CHARLES W. LASHER, OF DAVENPORT, IOWA.

TUB.

SPECIFICATION forming part of Letters Patent No. 629,863, dated August 1, 1899.

Application filed December 16, 1898. Serial No. 699,466. (No model.)

To all whom it may concern:

Be it known that I, CHARLES W. LASHER, a citizen of the United States of America, residing at Davenport, in the county of Scott and State of Iowa, have invented certain new and useful Improvements in Tubs, of which the following is a specification.

My invention relates to improvements in sheet-metal tubs for laundry use, the object of the invention being to so strengthen such tubs as to adapt them for the attachment of an ordinary clothes-wringer.

The invention is fully described and explained in this specification and shown in the accompanying drawings, in which—

Figure 1 is a perspective view of a tub provided with the stiffening or strengthening device contemplated by my invention, and Fig. 2 is a partial vertical section through the line 2 2 of Fig. 1.

In the views, A is the approximately cylindrical wall, and B is the preferably corrugated bottom of a sheet-metal tub of the class described, the upper edge of the wall being preferably strengthened by an inserted marginal rod C. At a suitable point near its upper edge the wall of the tub is formed with an outwardly-pressed recess or pocket, and in this pocket is closely seated and securely fastened a strip D of wood or metal, the strip being curved to conform to the curve of the tub and being of sufficient length to receive the clamps at the ends of an ordinary wringer-frame. The purpose of the strip is to give to a sufficient portion of the wall of the tub sufficient thickness and rigidity to adapt it to be firmly clasped by the clamps of the wringer. The strip, as shown, has its edges slightly beveled; but the particular cross-section of the strip is not material, any shape which will conform to a recess of such form as to be readily stamped being suitable for the purpose in view.

The inner face of the reinforcing-strip is

substantially flush with the inner face of the tub, so that the wringer may be readily clamped thereupon and also so that no projecting edges will be left to interfere with the clothes to be washed.

It will be seen that by inserting the strip in the recess or pocket pressed outward from the inner face of the wall of the tub I gain every possible advantage of rigidity and thickness added by the strip and at the same time I protect the edges and ends of the strip and am able to secure it in place in the most simple and economical way. Such a strengthening device is almost essential to the use of a sheet-metal tub, and the application of the strip to the tub, as shown in the drawings, has every possible advantage of cheapness, simplicity, and durability.

Having now described and explained my invention, what I claim as new, and desire to secure by Letters Patent, is—

A sheet-metal tub comprising the cylindrical wall, A, the bottom, B, an outwardly-pressed pocket formed in a portion of the upper part of said wall and substantially parallel to the upper edge thereof, a suitable reinforcing-strip, D, seated in said pocket and having its inner face substantially flush with the inner face of the wall, the upper and lower edges of said pocket being formed at substantially right angles to the wall of the tub whereby said reinforcing-strip may be readily inserted therein and secured in place by rivets passing through the strip and wall; substantially as described.

In witness whereof I have hereunto set my hand, at Davenport, in the county of Scott and State of Iowa, this 12th day of December, A. D. 1898.

CHARLES W. LASHER.

Witnesses:

GEO. H. GORMAN,
JULIUS C. HASLER.