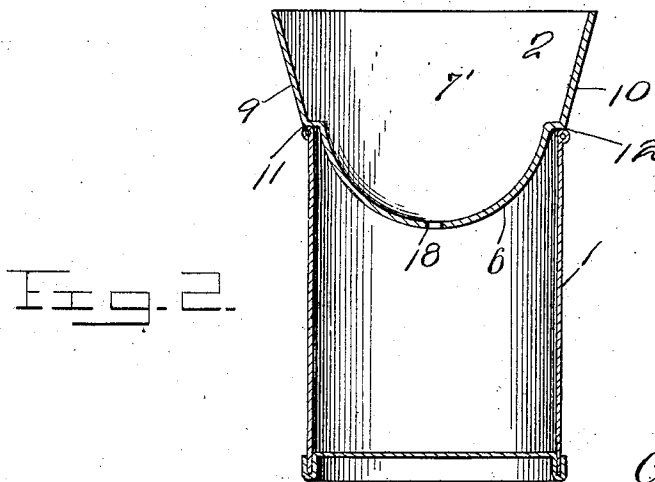
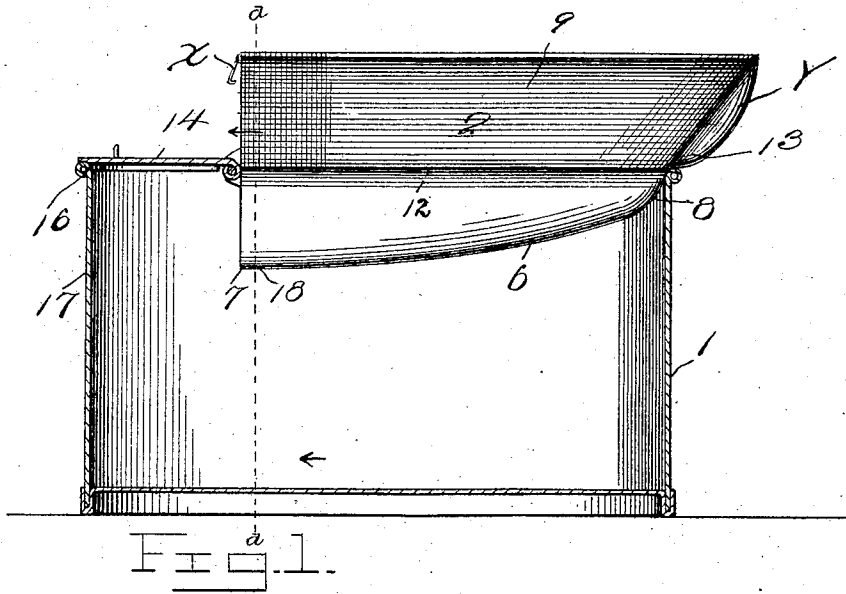


No. 848,683.

PATENTED APR. 2, 1907.

G. W. PRINCE.  
DRAINER.

APPLICATION FILED AUG. 8, 1905.



Witnesses  
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# UNITED STATES PATENT OFFICE.

GEORGE W. PRINCE, OF MORRISON, COLORADO.

## DRAINER.

No. 848,683.

Specification of Letters Patent.

Patented April 2, 1907.

Application filed August 8, 1905. Serial No. 273,304.

*To all whom it may concern:*

Be it known that I, GEORGE W. PRINCE, a citizen of the United States, residing at Morrison, in the county of Jefferson, State of Colorado, have invented certain new and useful Improvements in Drainers; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to a drainer for application to ordinary washboilers for the reception of the clothes taken from the washboiler and from which the water dripping from the clothes may be returned to the washboiler.

Another object of the invention is to provide a drainer of the nature stated embodying such characteristics that it will fit the walls of the washboiler and have a lid adapted to inclose that portion of the boiler not covered by the drainer to prevent the escape of steam from the boiler.

In the drawings, Figure 1 is a side elevation of my invention, illustrating the lid of the drainer in closed position with respect to the boiler, the boiler being in section. Fig. 2 is a vertical sectional view on the line *a a* of Fig. 1.

Referring now to the drawings, there is shown a washboiler 1 of the usual type upon which the present drainer 2 is disposed. The drainer is of peculiar formation, having divergent side walls 9 and 10 and a straight forward end wall 7'. At their rearward ends the side walls 9 and 10 are connected by a curved rearward wall Y, and the walls 9, 10, and Y are provided with inwardly-extending flanges at their lower edges which form shoulders 11, 12, and 13, respectively, and connected with the inner edges of these shoulders there is a transversely-curved bottom 6, which has its concave surface directed upwardly and which is also inclined longitudinally from its forward end, at which it joins the lower end of the wall 7' to its rearward end and where it joins the shoulder 13. These shoulders 11, 12, and 13 are arranged for disposal upon the upper edge portion of the walls of a washboiler, as shown, with the bottom 6 depending into the boiler, and, as shown, the rearward end of the drainer projects beyond the corresponding end of the boiler by reason of the great width of the shoulder 13.

As shown, the wall Y is curved into the shoulder 13, while the walls 9 and 10 join their shoulders at abrupt angles thereto. The drainer has the forward end wall 7', and pivotally connected with this wall there is a lid 14, which is movable to extend at times vertically against the outer face of the wall 7', in which position it may be held by a lock X, pivoted to the drainer. The lid 14 is pivoted in the plane of the shoulders 11, 12, and 13, so that when the drainer is disposed upon the washboiler the lid 14 may be moved, after disengaging the lock X therefrom, into position to cover that portion of the boiler which is not closed by the drainer, with its flanged edge 16 insuring a tight closure to prevent the escape of steam from the washboiler, between the end 17 of the latter and the inner end of the drainer 2, it being seen that the inner end of the bottom of the drainer 2 is provided with an opening 18, through which the water passes from the bottom of the drainer back into the boiler.

The drawings will disclose that the inner face of the bottom of the drainer may incline substantially from the upper edge of the end 8 of 8 and the inner end of the bottom of the drainer and that the inner faces of the side walls converge downwardly from end to end to the bottom of the drainer.

From the foregoing it will be understood that the drainer fits tightly upon the boiler and that when the lid 14 is drawn down upon the latter the escape of steam from the boiler is prevented.

This drainer has for one of its characteristics the feature of so thoroughly draining the clothes that the cold bluing-water in which the clothes are usually placed for bluing purposes will not become heated by the hot clothes, for the clothes become cooled by reason of the hot water being drained therefrom. This feature obviates the necessity of using fresh bluing-water at every rinsing.

What is claimed is—

1. A drainer of the character described comprising a body portion whose sides converge downwardly and whose rear wall and bottom inclines downwardly with respect to the sides, a drain-opening formed in one end of the body portion, and a lid hingedly connected directly over said opening.

2. A drainer constructed and arranged for engagement with the top of a washboiler, the

said drainer having shoulders formed upon its outer surface to prevent displacement of the drainer with respect to the boiler, an opening in one end of the drainer for discharge of water therefrom into the boiler, and  
5. a lid hinged to one end of the drainer for engagement over the boiler.

In testimony whereof I affix my signature in presence of two witnesses.

GEORGE W. PRINCE.

Witnesses:

BENJAMIN PRINCE,  
OTIS A. PIKE.