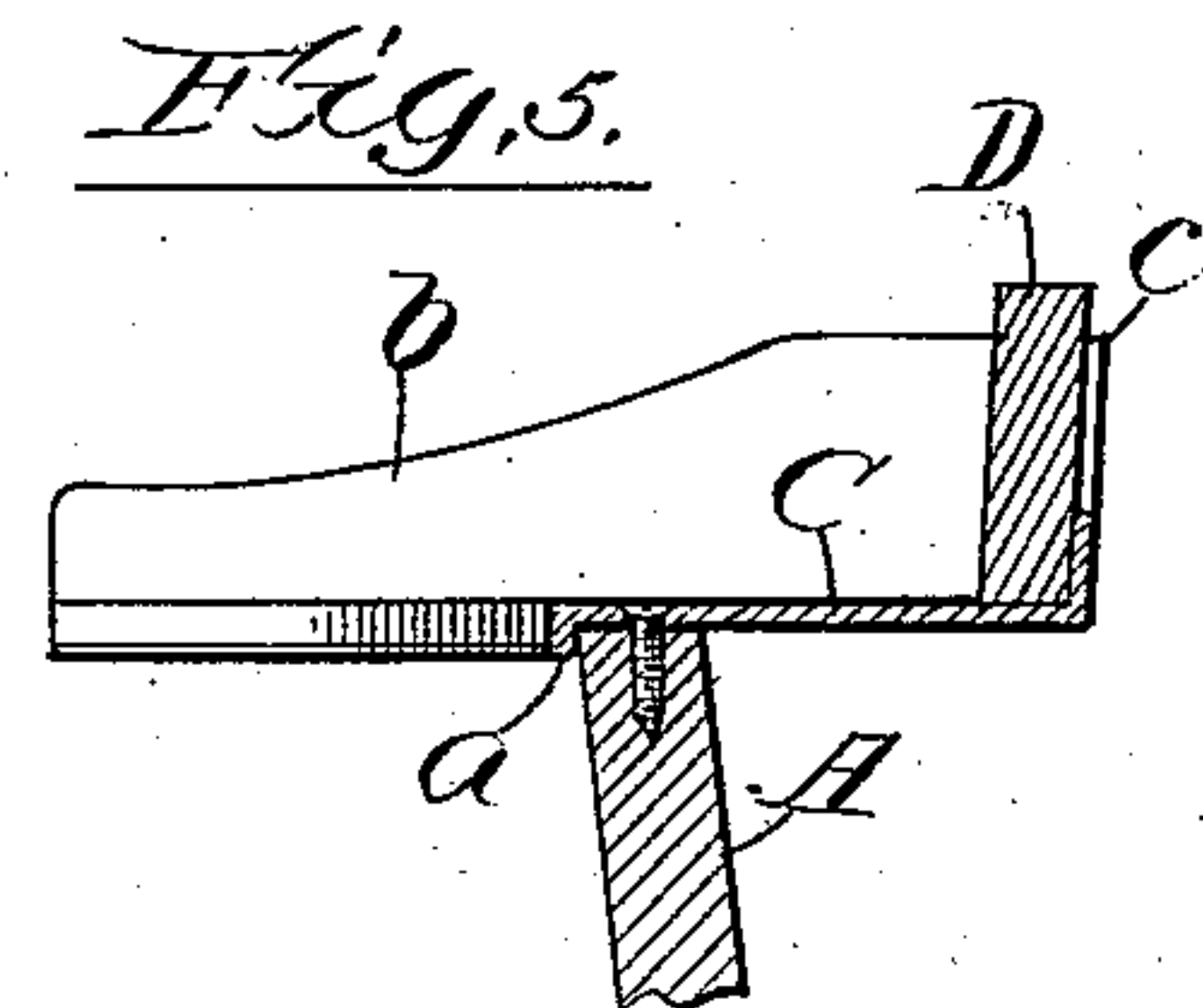
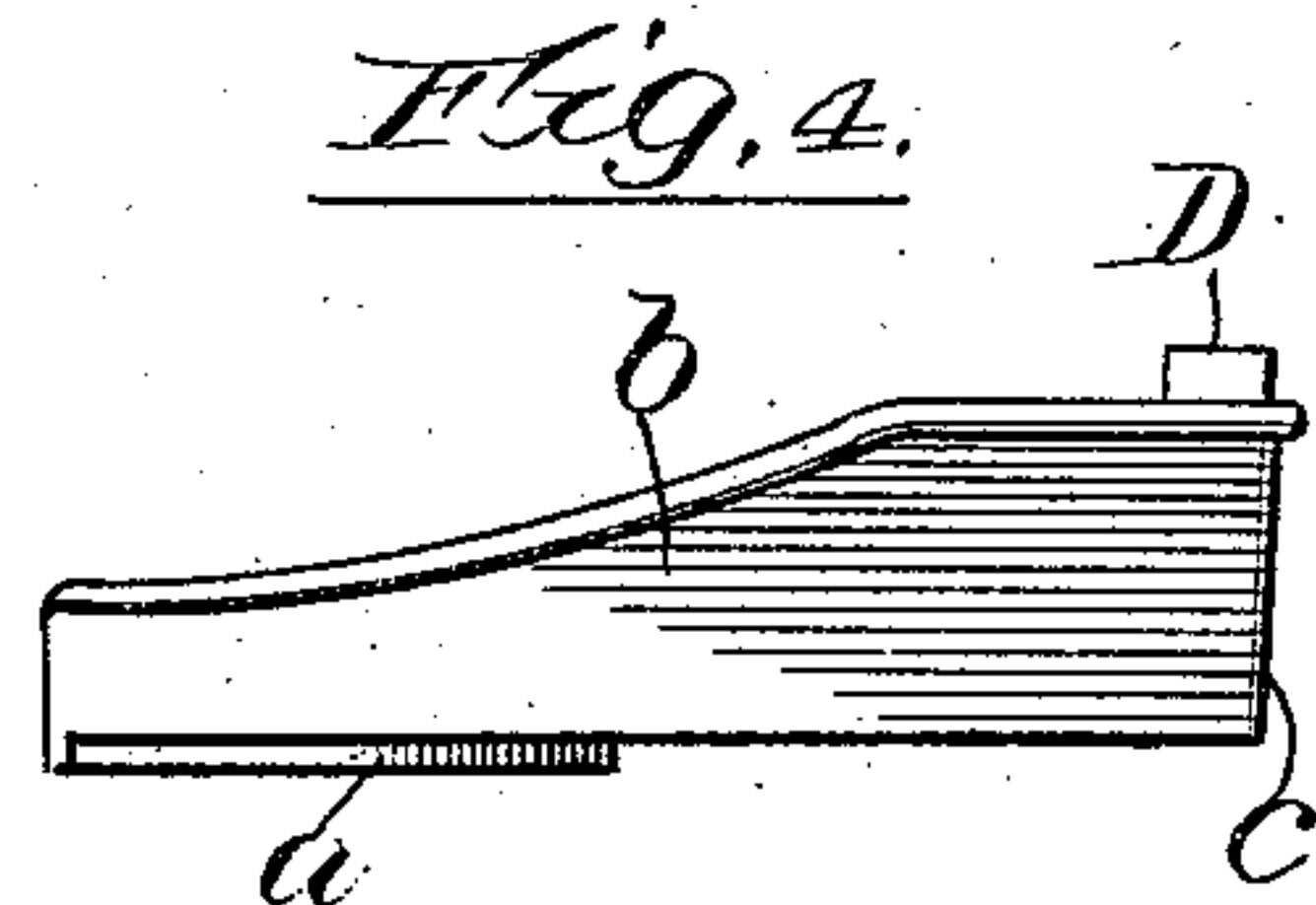
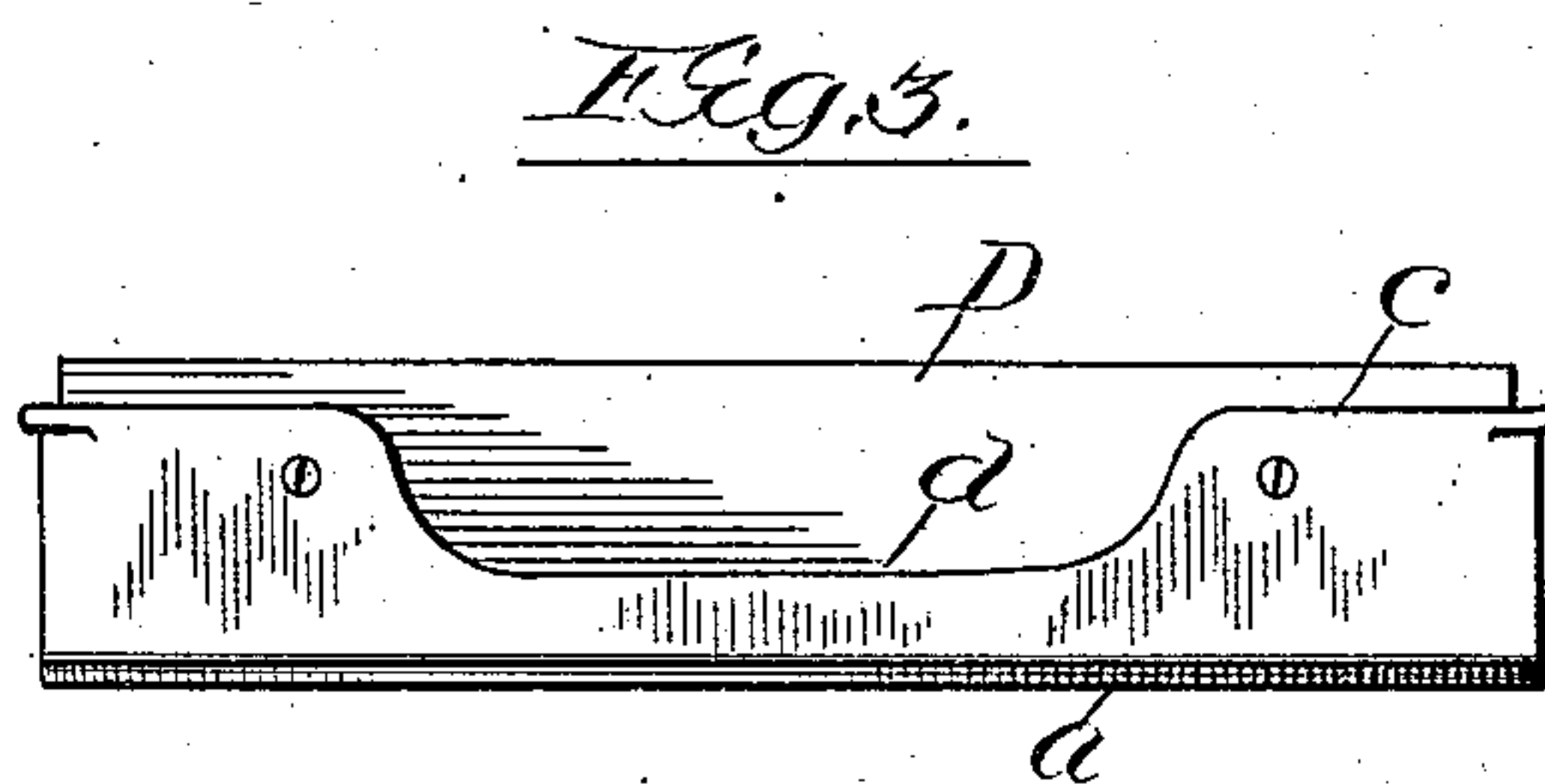
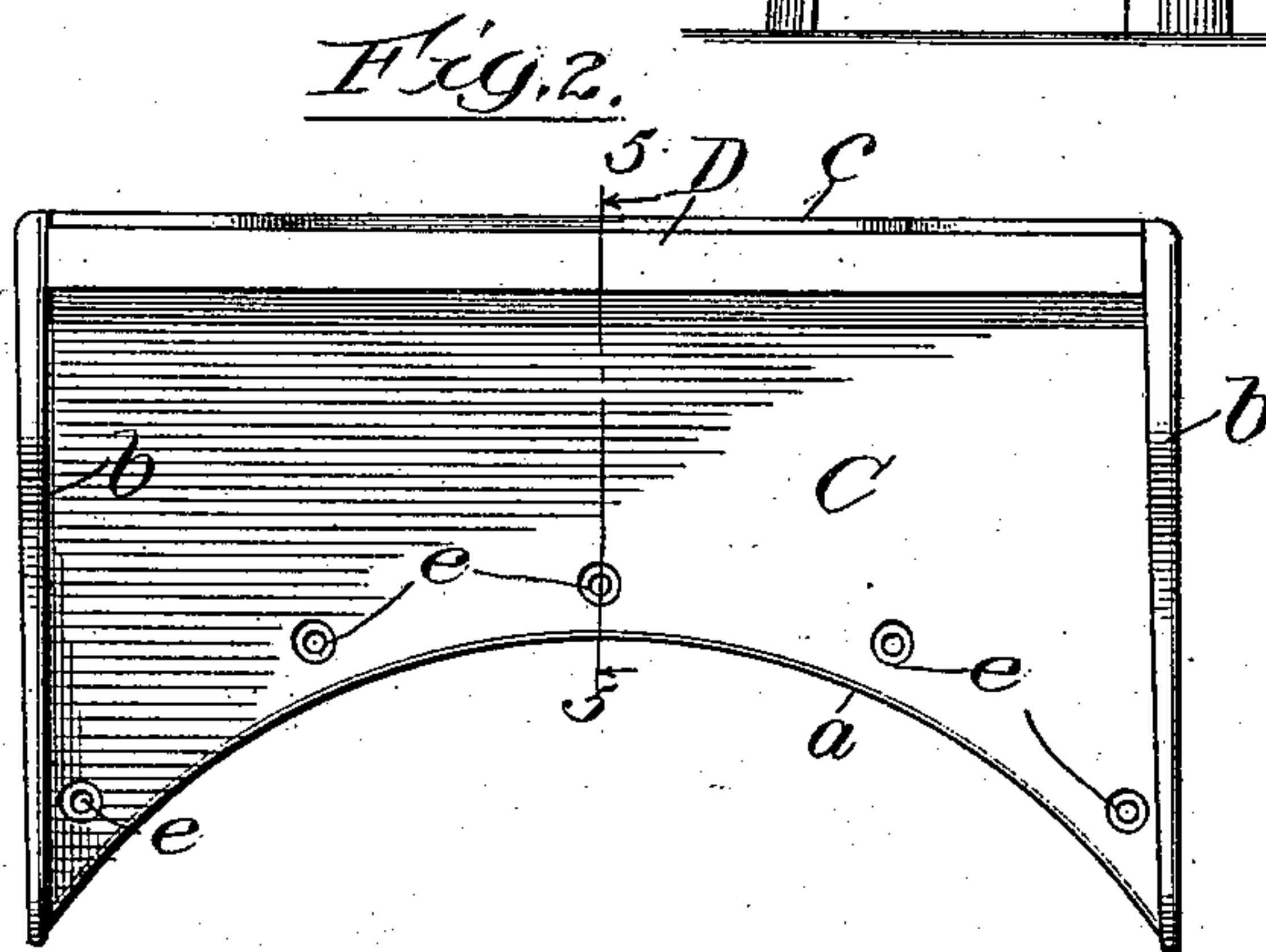
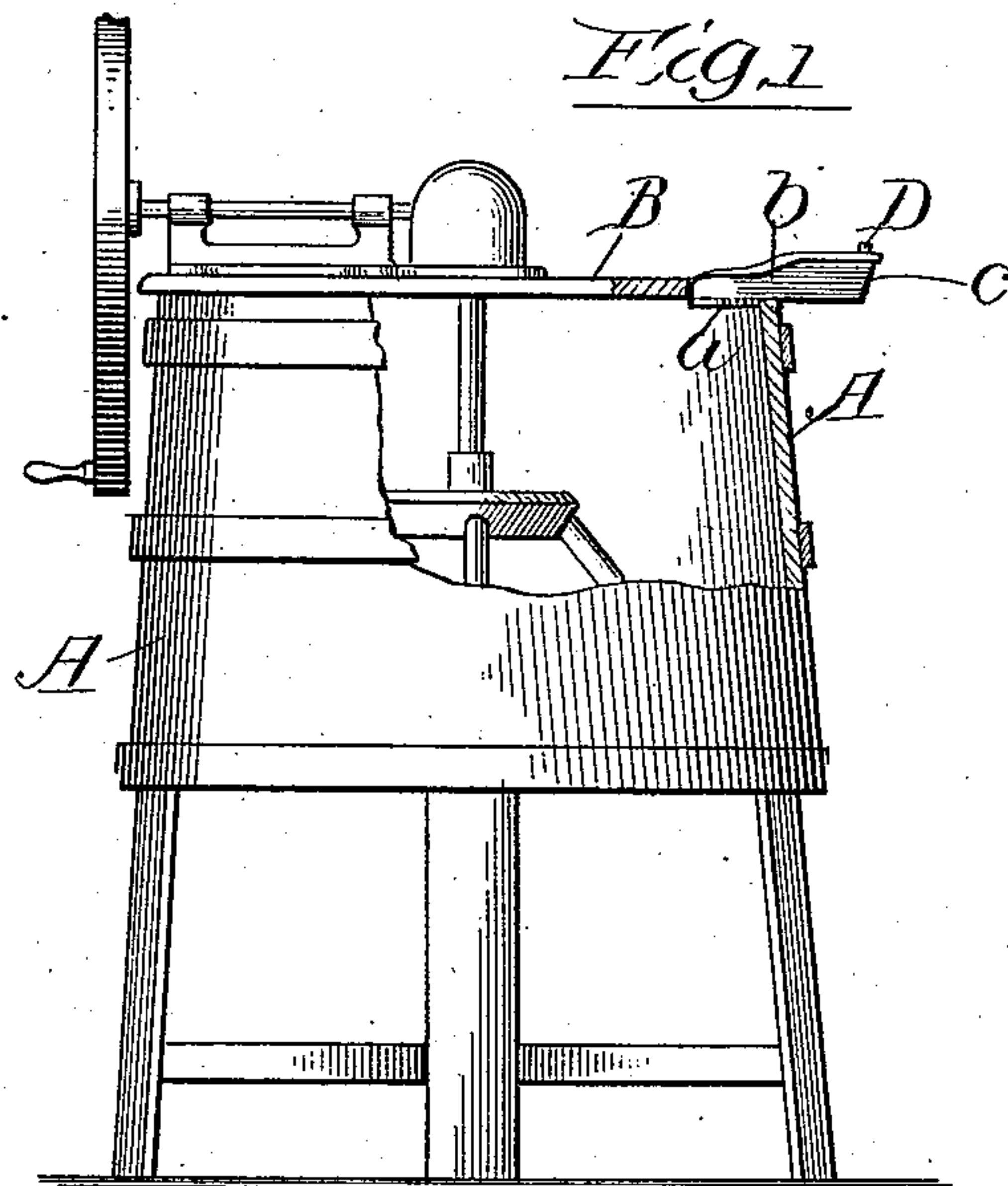


W. H. VOSS.
WRINGER BOX OR TRAY FOR WASHING MACHINE TUBS.
APPLICATION FILED FEB. 5, 1906.

905,028.

Patented Nov. 24, 1908.



Witnesses:
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Att'y

UNITED STATES PATENT OFFICE.

WILLIAM H. VOSS, OF DAVENPORT, IOWA.

WRINGER BOX OR TRAY FOR WASHING-MACHINE TUBS.

No. 905,028.

Specification of Letters Patent.

Patented Nov. 24, 1908.

Application filed February 5, 1906. Serial No. 299,586.

To all whom it may concern:

Be it known that I, WILLIAM H. VOSS, a citizen of the United States, and a resident of Davenport, in the county of Scott and State of Iowa, have invented certain new and useful Improvements in Wringer Boxes or Trays for Washing-Machine Tubs, of which the following is a clear, full, and exact description.

My invention has for its object the avoidance of most of the expense involved in the construction of the wooden tray, and to accomplish a saving by dispensing with the necessity of cutting a straight edge on the otherwise circular cover, and to produce a neater and more durable tray, substantially as hereinafter more fully described and as particularly pointed out in the claim.

In the drawings:—Figure 1 is a side elevation of a washing machine showing the side thereof to which my improved wringer box or tray is applied, broken away. Fig. 2 is a plan view of my improvements drawn to a larger scale. Fig. 3 is an elevation of the outer side of the same. Fig. 4 is an end view, and Fig. 5 is a transverse section taken in dotted line 5, 5, Fig. 2.

In the drawings A represents the tub of a washing machine, and B the cover thereof. My improved tray is, preferably, cast in one piece of metal or stamped out of one piece of sheet metal, and it comprises a flat bottom C having its outer longer side, preferably at right angles to its ends, and having its inner opposite longitudinal edge curved to correspond to the curvature of a segment of the top edge of the tub to which it is applied. The inner curved edge of the bottom of the tray is provided with a downwardly projecting flange *a*, which, preferably, extends from end to end of the same. The ends of the tray are provided with upwardly projecting end-walls *b, b*, that are higher at the outer longitudinal side of the tray, than next the ends of the opposite curved longitudinal edge thereof. The upper edges of end-walls *b, b*, are flanged outwards, and are stepped from the outer higher end to the inner lower end by a suitable double curve. The outer longitudinal edge of the tray is also provided with a vertical wall *c*, which connects the higher ends of the end-walls, and is the same height as the latter except where, between its ends, it is cut away, as at *d*.

The bottom of the tray is provided with a series of screw-holes *e, e*, adjacent to its curved longitudinal edge through which long screws are inserted and screwed into the upper edge of the tub so that when secured in proper position on the tub, flange *a* will lap downwards against the inner circumference of the same a slight distance. The outer wall *c* is, preferably, near the shoulders formed at the ends of recess *d*, also provided with screw-holes through which screws are inserted for securing a wooden rail D in place. This rail consists of a flat strip of wood, of a length corresponding to the distance between the end-walls of the tray, and of a height slightly greater than the same, and it is stood on edge and is held flat against the outer wall of the tray by said screws and is adapted to have a clothes wringer clamped to the same. The said outer wall of the tray is recessed, substantially as described, to accommodate the clamps of the wringer.

As hereinbefore described, my improved wringer tray is strong and durable and not liable to become unclean, and, if at any time, the wringer rail D should become injured or broken to such an extent as to make it desirable to replace the same, this could be done without much trouble, by the owner of the tub, from materials generally at hand, and would not make it necessary to discard the wringer-box, as is sometimes the case because of the wearing out of one piece thereof.

What I claim as new is:—

A wringer tray for wash tubs comprising a cast metal substantially rectangular-shaped box having the longitudinal wall next the tub entirely cut away and conforming to the shape of said tub, the edge of said cut away portion being provided with a downturned lip that overhangs the edge of the top of the tub, and a removable wooden rail secured to the outer longitudinal wall, which latter is cut away slightly from the top to expose a portion of said rail.

In testimony whereof I have hereunto set my hand and seal this 29th day of January, 1906.

WILLIAM H. VOSS. [L. s.]

Witnesses:

ARTHUR CLIFFORD,
WILLIAM E. PULS.