

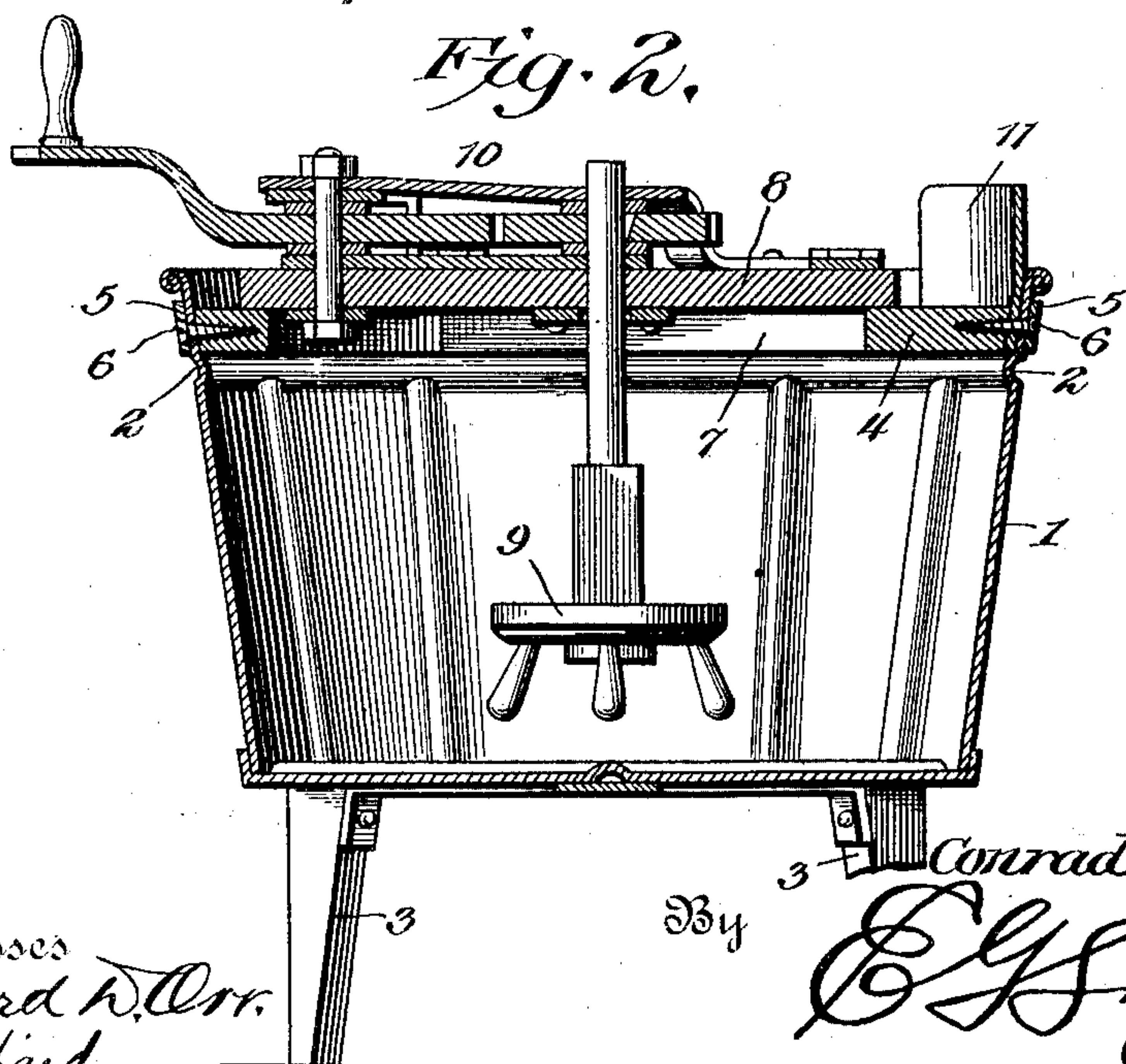
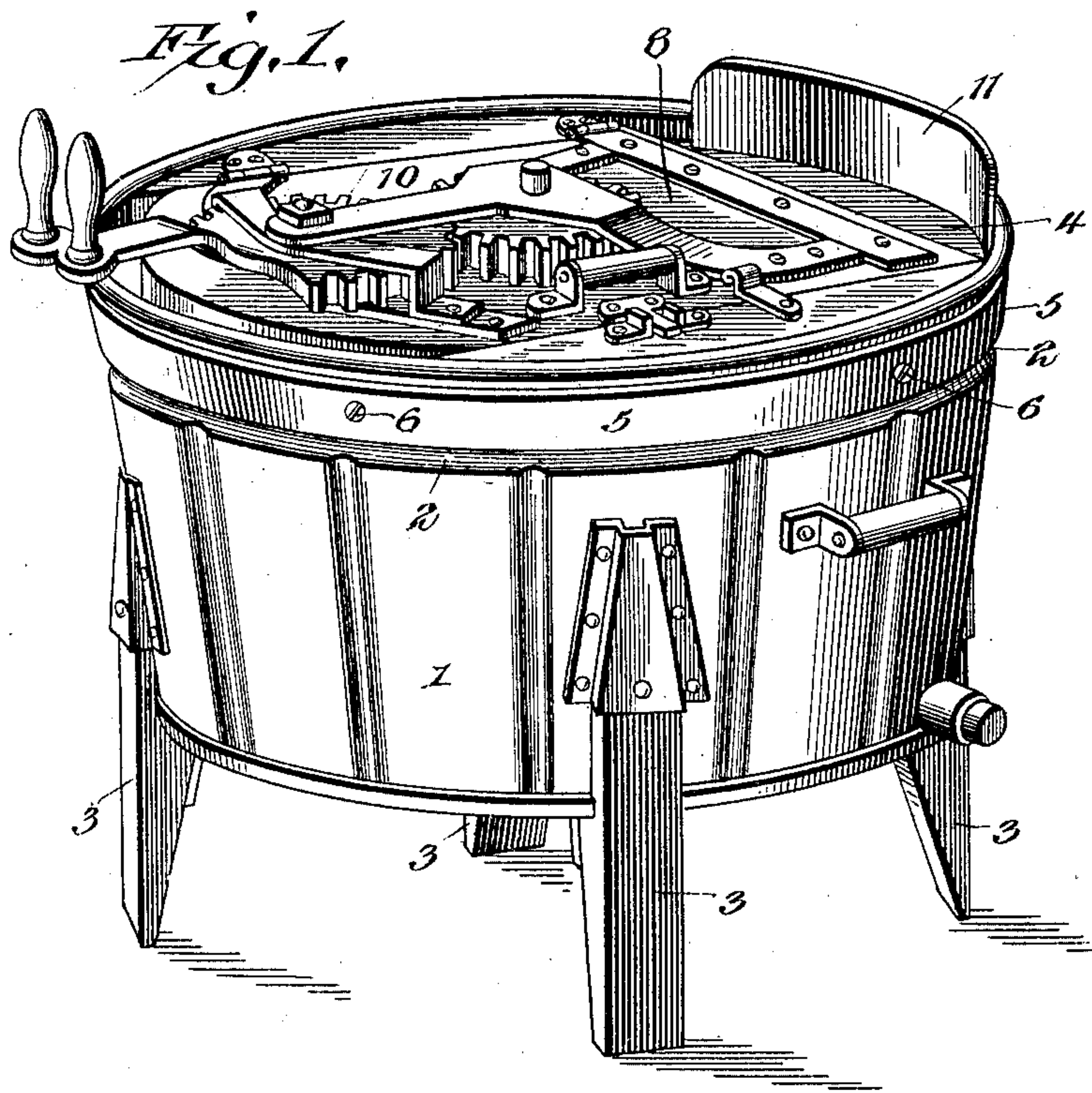
No. 692,216.

Patented Jan. 28, 1902.

C. P. STEINMETZ.
WASHING MACHINE.

(Application filed Apr. 17, 1901.)

(No Model.)



Witnesses
Howard W. Orr.
H. J. Shepard.

Inventor
Conrad P. Steinmetz
By *E. J. Siggers*
Attorney

UNITED STATES PATENT OFFICE.

CONRAD P. STEINMETZ, OF MITCHELL, SOUTH DAKOTA, ASSIGNOR OF ONE-HALF TO ALBERT BOYNTON, OF MITCHELL, SOUTH DAKOTA.

WASHING-MACHINE.

SPECIFICATION forming part of Letters Patent No. 692,216, dated January 28, 1902.

Application filed April 17, 1901. Serial No. 56,262. (No model.)

To all whom it may concern:

Be it known that I, CONRAD P. STEINMETZ, a citizen of the United States, residing at Mitchell, in the county of Davison and State of South Dakota, have invented a new and useful Washing-Machine, of which the following is a specification.

This invention relates to washing-machines, and has for its object to provide for conveniently supporting a wringer upon the body of the machine without interfering with any of the operating portions thereof and to have the wringer-support arranged in connection with other parts of the body of the machine, so as to stiffen and strengthen the same, and thereby to preclude the possibility of the frame of the machine becoming loosened under the operation of the wringer while carried by the machine.

With this object in view the present invention consists in the combination and arrangement of parts, as will be hereinafter more fully described, shown in the accompanying drawings, and particularly pointed out in the appended claim, it being understood that changes in the form, proportion, size, and minor details may be made within the scope of the claim without departing from the spirit or sacrificing any of the advantages of the invention.

In the drawings, Figure 1 is a perspective view of a washing-machine embodying the present invention. Fig. 2 is a longitudinal sectional view thereof.

Like characters of reference designate corresponding parts in both figures of the drawings.

Referring to the accompanying drawings, 1 designates the body of the machine, which is in the form of a sheet-metal tub, preferably substantially cylindrical in shape and provided near its upper end with an inwardly-directed bead 2, which forms a ledge for the support of the top of the tub. The tub may be supported in any preferred manner—as, for instance, by means of the leg-standards 3. The upper open end of the tub is normally closed by means of a flat wooden top 4, which fits snugly the interior of the tub and rests upon the ledge formed by the inwardly-di-

rected marginal bead 2. A metallic hoop or band 5 snugly embraces the upper portion of the tub in the same plane with the top 4, and a plurality of fastenings 6, preferably screw-threaded, pierce the hoop or band and the adjacent side of the tub and enter the wooden top, whereby the top is firmly connected to the tub, and the latter is effectually braced at the point of connection between the top and the tub. The central portion of the top is provided with an opening 7 for access to the interior of the tub, and this opening is normally closed by means of a lid or cover 8, hinged to and carried by the top. A suitable rotatable rubbing device 9 is carried by the lid or cover and is manipulated by means of suitable operating mechanism 10, also carried upon the cover.

As the rubber and operating means therefor do not form any part of the present invention, it will of course be understood that these parts may be changed or varied at will without in any manner affecting the utility of the wringer-support, which will now be described.

For the support of a wringer there is provided an arcuate plate 11, preferably of metal, which is disposed in an upright position and inserted edgewise between a portion of the periphery of the top 4 and the adjacent side portion of the tub, the upper edge portion of the plate being projected a suitable distance above the upper edge of the tub, so as to be engaged by a wringer, (not shown,) and its lower edge portion being pierced by the adjacent fastenings 6, whereby the wringer-support is effectually supported in position.

From the foregoing description it will be noted that the lower edge portion of the wringer-support is held between the side of the tub and the top thereof and is connected thereto by some of the fastenings 6, and the band or hoop 5 embraces the body of the tub at the point of connection between the same, the wringer-support, and the top, whereby these portions are firmly braced, so as to present a comparatively rigid structure, and thereby prevent any of these parts from working loose under the operation of a wringer which may be carried by the wringer-support.

What I claim is—

In a washing-machine, a metallic tub having an inwardly-directed marginal bead formed adjacent to the upper edge thereof,
5 a lid-support resting upon the bead, a reinforcing-band embracing the upper edge portion of the tub and above the bead, a wringer-support interposed between the tub and the lid-support and projected above the upper
10 edge of the tub, and fastenings passed through

the reinforcing-band, the body of the tub, the wringer-support and into the lid-support.

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

CONRAD P. STEINMETZ.

Witnesses:

ALBERT BOYNTON,
JOSEPH B. SHERMAN.