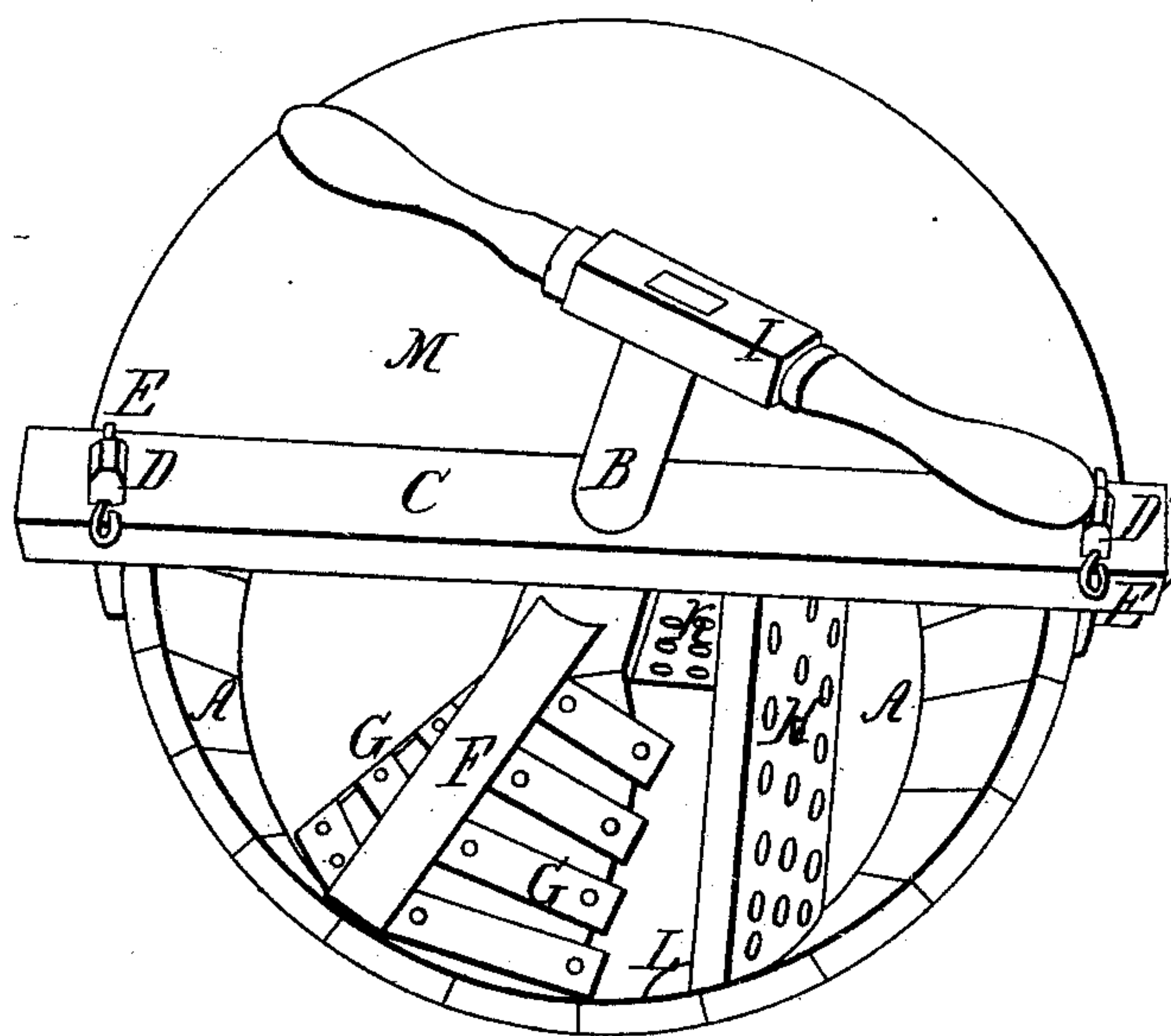


O. Baldwin,
Washing Machine,
N^o 69,609, Patented Oct. 8, 1867.



Witnesses

Samuel Jacob Wallace,
H L Morrill

Inventor
Oren Baldwin.

United States Patent Office.

OREN BALDWIN, OF KEOKUK, IOWA.

Letters Patent No. 69,609, dated October 8, 1867.

IMPROVED WASH-TUB ATTACHMENT.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, OREN BALDWIN, of the city of Keokuk, county of Lee, and State of Iowa, have invented a new and useful Improvement in Washing-Tub Attachment; and I do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, in which—

Figure 1 is a perspective view, as from above, showing my improvement in order for use.

This invention has its object in devising and adapting good practical means for ordinary use in washing, giving the assistance-needed in doing the work without many usual disadvantages; and it consists of the several parts, with the arrangements and combinations, which are made as shown in the drawing and as hereinafter set forth.

Into an ordinary wash-tub or suitable vessel, A, is set an upright shaft, B, which has suitable bearings at the bottom, and is held at the top by the cross-board C, reaching across and resting on the two sides of the tub A, and held by the two posts D D', which could be made to serve also as handles to the tub, being held stationary by the pins E E' or otherwise. The shaft B bears a beater, F, extending to the side of the tub, and turning freely within it, and rising from the bottom, near the top of the tub. This beater F has two faces, G G', expanding apart more or less to the outer end and to the bottom, as if to present sections of opposite spiral screws, and which are formed of slats, with water spaces between them, or of any suitable wood or metal. This beater F beats and presses the clothing and material operated upon against a perforated board, H, formed and extending across the side of the tub A, with its top inclined towards the centre, so that the outside lines of the faces G G' of the beater F will be about parallel with the board when in contact. The shaft B and the beater F are turned by the cross-handle I, on the top end of the shaft B, by the operator turning it back and forth, striking and squeezing the clothing or material alternately on each side against the board H, for the object of cleansing in an approved manner. At the same time the faces G G' tend to lift and turn the clothing up and over forward, and at the same time toward the centre. Between the board H and the shaft B is a perforated board, K, which stops the clothing, while permitting the water to gush through and strike and move the clothing on the other side. The board H is held in place by little projections, L, on the sides of the tub, and by the cross-piece C on top, and the tub is covered, if wished, by two lid pieces, M, while washing. The whole inside parts of the attachment can be made to be readily removable, so as to leave the simple tub or vessel A.

What I claim is—

A washing-tub attachment, having the centre-shaft B, handle I, cross-piece C, and the beater F, with its faces G G', to press the clothing against the board H, together with the board K, all arranged as specified.

OREN BALDWIN.

Witnesses:

SAMUEL JACOB WALLACE,
H. L. MORRILL.