

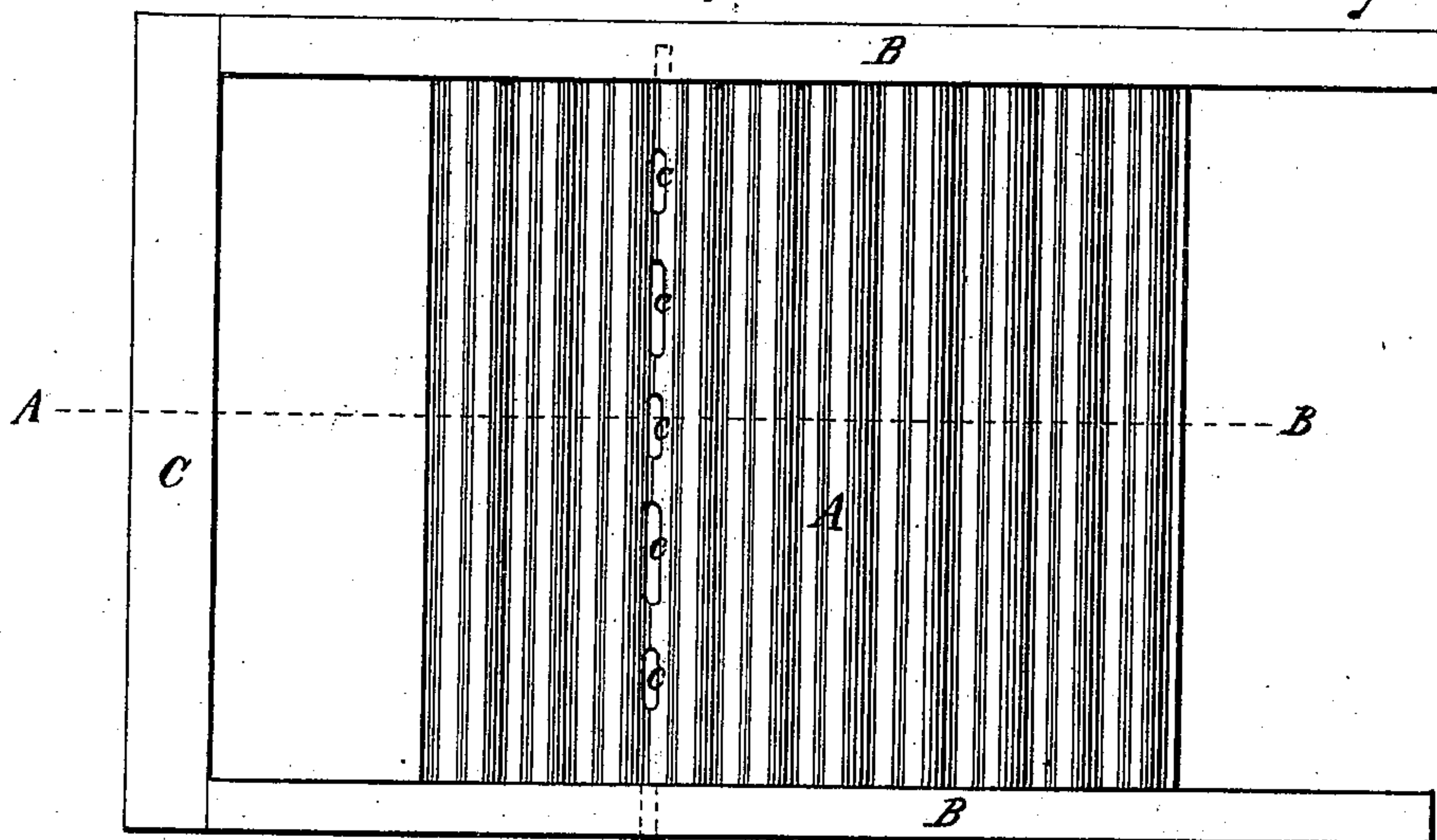
*F. E. Maherry,*

*Wash-Board,*

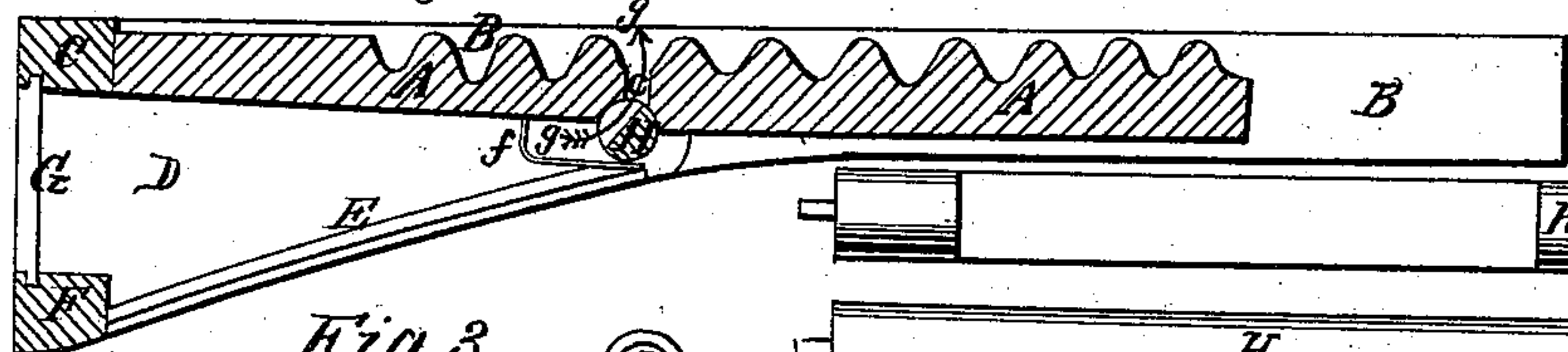
*N<sup>o</sup> 76,481.*

*Fig. 1.*

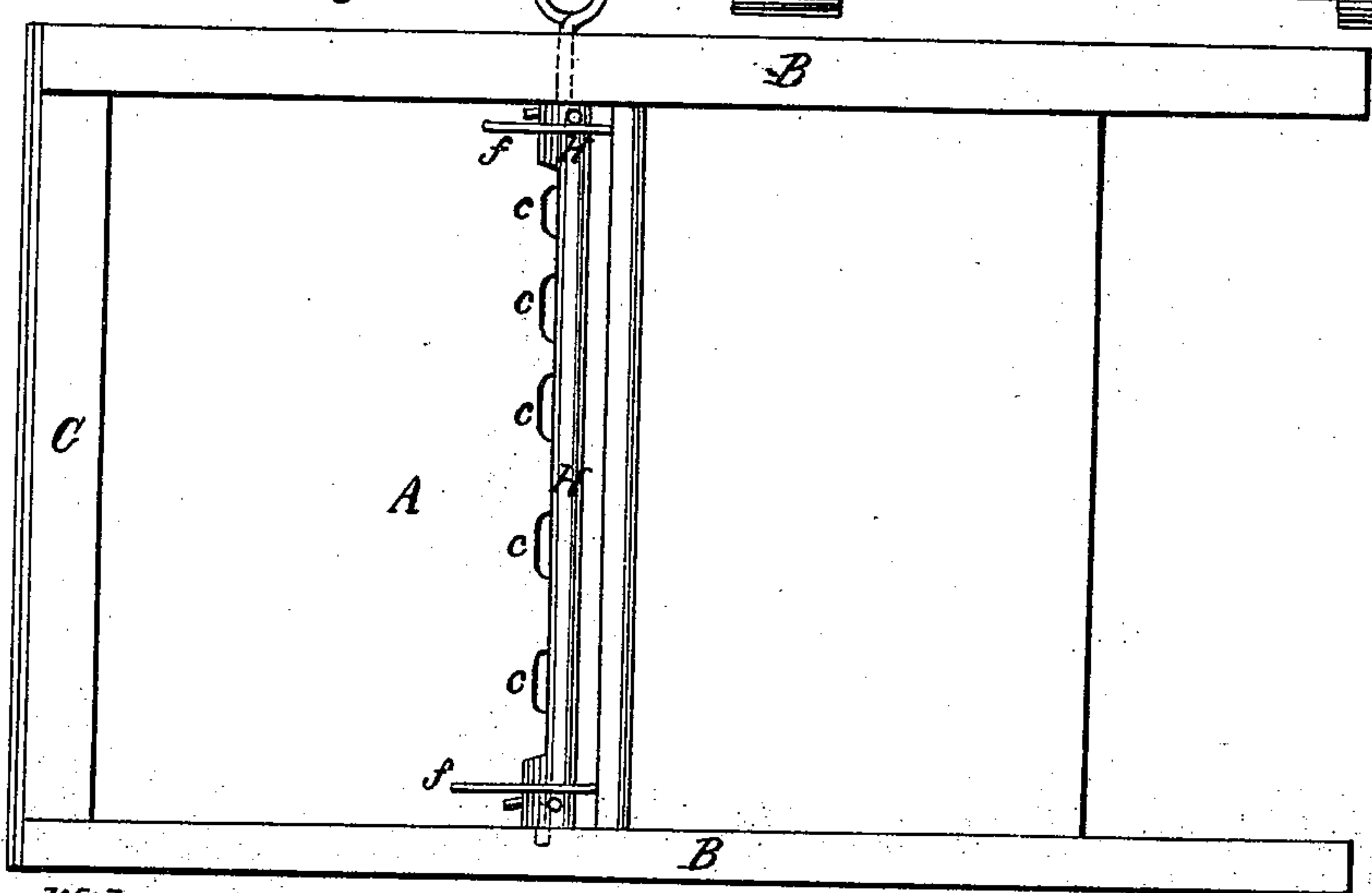
*Patented Apr. 7, 1868*



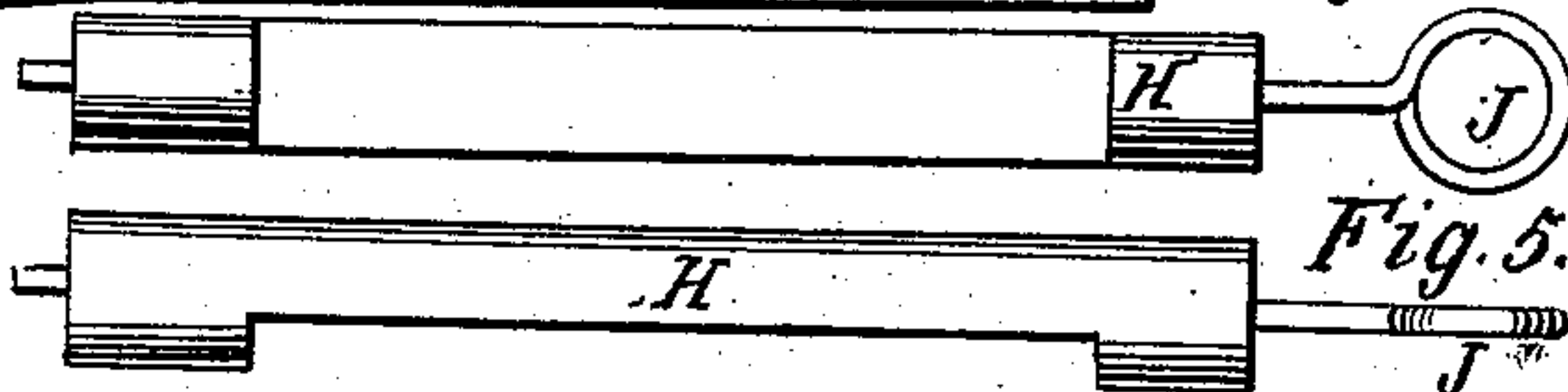
*Fig. 2.*



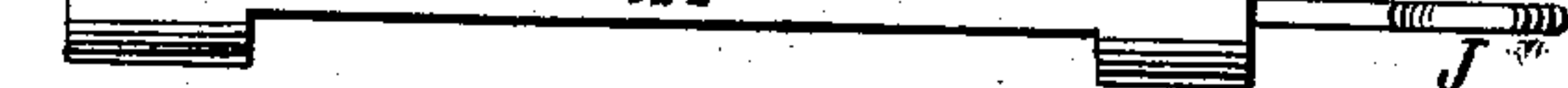
*Fig. 3.*



*Fig. 4.*



*Fig. 5.*



*Witnesses*

*J. B. Samuels.*  
*John E. Leran.*

*Inventor*

*Francis E. Maherry*

# United States Patent Office.

FRANCIS E. MABERRY, OF HAVERHILL, MASSACHUSETTS.

*Letters Patent No. 76,481, dated April 7, 1868.*

## IMPROVED WASH-BOARD.

*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, FRANCIS E. MABERRY, of Haverhill, in the county of Essex, and State of Massachusetts, have invented certain new and useful Improvements in Wash-Boards, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a front or operating-side elevation.

Figure 2, a central longitudinal section on the line A B of fig. 1.

Figure 3, a rear side view after the back-piece E has been removed.

Figures 4 and 5 are different views of the gate or valve H pertaining to the said invention.

This invention and improvement in wash-boards consist of a reservoir in the top end of the wash-board for the reception of soft soap, and of openings from said reservoir through the corrugated rubbing-board, for the delivery and distribution of the soft soap to the clothes being rubbed or washed on the corrugated board; also of a gate or valve to regulate the supply of soft soap from the reservoir to the face or rubbing-surface of the wash-board.

In constructing my improved wash-board, the corrugated rubbing-board A may be secured between side-pieces B and a cross-piece, C, fastened to the top ends of the latter, in the usual way; but the side-pieces B are made wider at the top ends, and form the ends of the soap-reservoir D, the front side of which is formed by the upper portion of the corrugated rubbing-board A and the front cross-piece C, while the under side of said reservoir consists of a back-piece, E, and a back cross-piece, F, both of which extend from one side-piece, B, to the other. The back, E, is generally fitted into grooves, near the edges of the side-pieces, and the cross-piece F fastened to the top ends of the sides A. The two cross-pieces B and F are grooved, as shown, to receive a sliding cover, G, which is movable, to refill the reservoir. At or near the lower extremity of the soap-reservoir, and extending from side to side, B, of the wash-board, is a transverse gate or valve, H, of "cylindrical form," with a portion of one side removed, as shown in figs. 3, 4, and 5. Directly in front of this gate or valve, several openings, *c*, are made through the corrugated rubbing-board; and the gate or valve, which is pivoted to the sides B, may be turned in either direction by a ring or handle, I, to cover or uncover the openings *c* and regulate or stop the supply of soft soap, through the openings, to the corrugated surface of the wash-board. Springs, *f*, are secured to the back side of the corrugated board, and bent over, and the extended ends bear against the gate or valve, to hold it up to the backs of the openings *c*, and prevent the escape of the soft soap when the gate is turned to the right position to prevent such escape.

When this improved wash-board is in use, or when clothes are being washed thereon, the gate or valve H is turned to the position shown in figs. 2 and 3, which uncovers the openings *c*, (as clearly shown,) and the soft soap will escape through the openings, as indicated by an arrow, *g*, in fig. 2. When the washing is suspended, the gate is turned to close the openings, and the supply of soft soap ceases to flow through the openings *c*.

What I claim as new, and desire to secure by Letters Patent, is—

The soap-reservoir, as above described, with the valve H and spring *f*, in combination with a corrugated wash-board with openings *c*, when arranged substantially in the manner and for the purpose specified.

FRANCIS E. MABERRY.

Witnesses:

J. B. SAMUELS,

JOHN E. CRANE.