

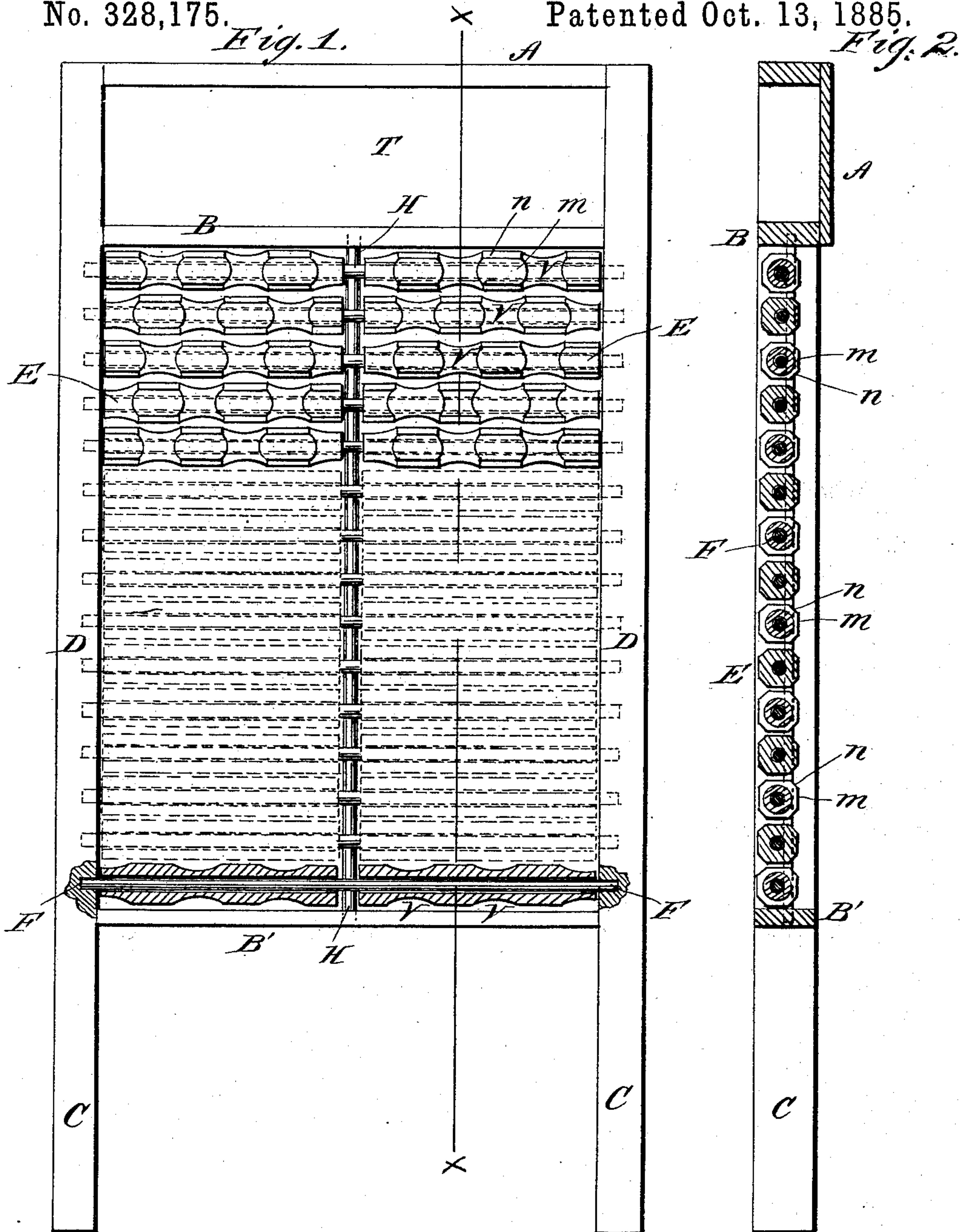
(Model.)

E. BAILEY.

WASH BOARD.

No. 328,175.

Patented Oct. 13, 1885.



WITNESSES:

*C. Sedgwick*  
*John Mathew Ritter*

INVENTOR:

*E. Bailey*  
BY *Munn & Co*  
ATTORNEYS.

# UNITED STATES PATENT OFFICE.

EPHRAIM BAILEY, OF WEST NEWBURY, ASSIGNOR TO HIMSELF, AND  
THOMAS S. BAILEY, OF HAVERHILL, MASSACHUSETTS.

## WASH-BOARD.

SPECIFICATION forming part of Letters Patent No. 328,175, dated October 13, 1885.

Application filed July 10, 1885. Serial No. 171,260. (Model.)

*To all whom it may concern:*

Be it known that I, EPHRAIM BAILEY, of West Newbury, in the county of Essex and State of Massachusetts, have invented certain  
5 new and useful Improvements in Wash-Boards, of which the following is a full, clear, and exact description.

This invention relates to the peculiar construction and arrangement of the sectional and  
10 many-sided rollers in a wash-board, and in the manner of supporting them centrally, and in alternating these rollers with each other, as hereinafter described, and particularly pointed out in the claims.

15 Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in both the figures.

20 Figure 1 represents a side elevation of a frame for a wash-board with my improved roller applied thereto; Fig. 2, a vertical central section through line *xx* of Fig. 1.

A in the accompanying drawings represents the frame of a wash-board, having cross-pieces  
25 B B', between which my improved rollers are arranged, the frame extending sufficiently above the cross-piece B to form a soap-box, T, and sufficiently below the cross-bar B' for the legs C.

30 Upon a series of parallel spindles, F, supported at their ends by entering a short distance into the sides D of the frame, as shown in dotted lines, are placed rollers E, having four wide flat surfaces, *m*, and four narrow surfaces,  
35 *n*, as shown in sectional view, Fig. 2. This form of construction is adopted because it is found to expedite washing and more readily cleanse the garments than when the round roller is employed.

40 And to still further add to the efficiency of the rollers annular depressions V are formed, so as to divide the surface of each roller into sections of flat surfaces *m n* and depressions

V, as shown in Fig. 1, and arranging the rollers on their respective spindles in the frame  
45 the depressions V and flat surfaces *m n* are placed alternately, so that the garment being washed passes over the rollers from the depressions to the flat surfaces from one to the other, as represented in the drawings. 50

And in order to prevent the rollers from warping or springing they are shortened by being divided into two sections or more, and to support the spindles centrally upon which the rollers are mounted, a rod, H, extending from  
55 the upper cross-bar, B, to the lower cross-bar, B', is provided, upon which the spindles rest, the ends of the roller being separated, so as to admit the wire support H between them, as shown. By constructing the rollers in two or  
60 more sections they revolve much lighter and lessen the labor of washing materially.

Having thus described my invention, what I claim as new, and desire to secure by Letters  
6 Patent, is—

1. A wash-board constructed and arranged substantially as described, consisting of the frame A, sectional rollers E, and central supporting-rod, H, as set forth.

2. A wash-board constructed substantially  
70 as described, consisting of the frame A, sectional rollers E, having alternate flat surfaces *m n* and annular depressions V, and central supporting-rod, H, as and for the purposes set forth. 75

3. A wash-board constructed substantially as described, consisting of the frame A, central supporting-rod, H, and sectional rollers E, having flat surfaces *m n* and depressions V, arranged so that the flat surfaces in one  
80 roller are opposite to the depressions in the next following roller, as set forth.

EPHRAIM BAILEY.

Witnesses:

JOHN F. MAYLAN,  
M. PERRY SARGENT.