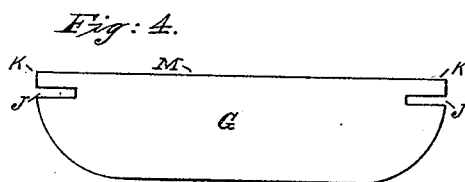
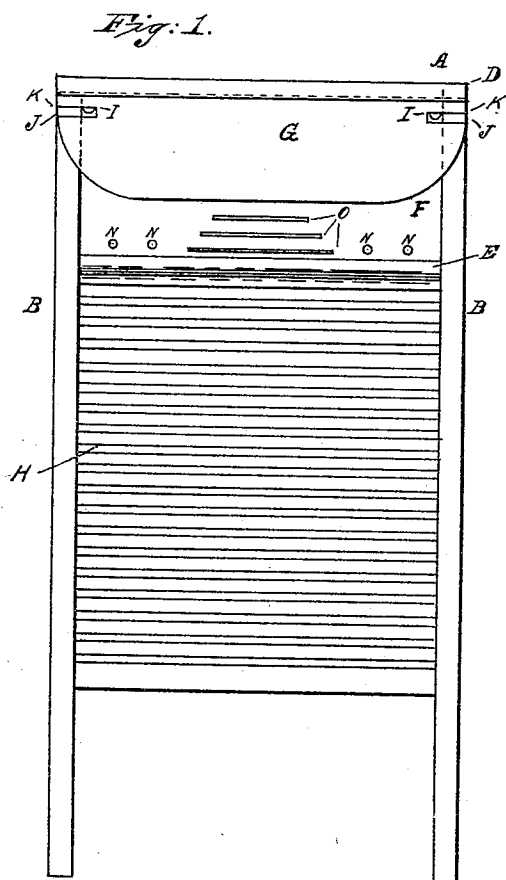
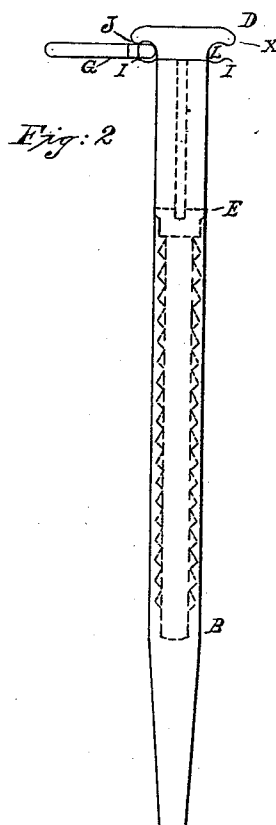
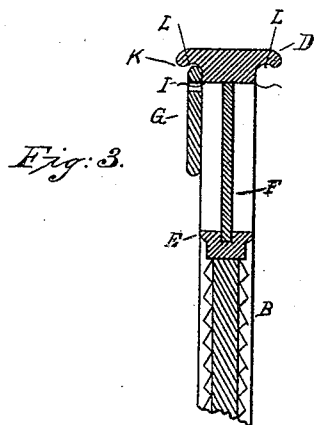


(No Model.)

J. H. TAYLOR.
WASHBOARD.

No. 511,914.

Patented Jan. 2, 1894.



WITNESSES.
Edw. A. Colburn
H. S. Colburn

INVENTOR
James H. Taylor

UNITED STATES PATENT OFFICE.

JAMES H. TAYLOR, OF TOLEDO, OHIO.

WASHBOARD.

SPECIFICATION forming part of Letters Patent No. 511,914, dated January 2, 1894.

Application filed January 5, 1893. Serial No. 457,403. (No model.)

To all whom it may concern:

Be it known that I, JAMES H. TAYLOR, a citizen of the United States, residing at Toledo, in the county of Lucas and State of Ohio, have
5 invented certain new and useful Improvements in Washboards; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to improvements in wash-boards and especially to that class of boards which are provided with a "protector" said "protector" being adapted to adjust to
15 the position of the operator, and to be adjusted for contracting and packing purposes. The present improvement adapts the said "protector" to be equal in length to the full length of the head-strip, thus rendering it
20 more symmetrical as well as a more effective protector to the extent of its increased length. I attain these objects by the mechanism illustrated in the accompanying drawings, in which—

25 Figure 1. is a front elevation; Fig. 2. a side elevation, and Fig. 3. a vertical section on line A, Fig. 1. Fig. 4. is a detail view of the protector.

Similar letters refer to similar parts throughout the several views.

Referring to the drawings B. B. are the "legs," D the "head-strip," E the "soap-strip," F the "thin-back," G the "protector," H the "rub-zinc," and I, I, are springs.

35 In Fig. 4, is shown in detached position, the "protector" which by means of slots J. J. has formed upon its ends, preferably in an integral manner, pins K, K.

The "head-strip" D. shown in cross section in Fig. 3, has concavities L into which the
40 upper edge M, of the "protector" is adapted to be pivotally, adjustably and removably secured by means of springs I, I,—which springs impinge against pins K as the said "protector" assumes the positions shown in the
45 respective figures, as well as other positions intermediate thereto.

It will thus be seen that the said "protector" may be removed, placed upon either side of the board, or closed down upon the legs, at
50 the will of the user.

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

A wash board of the variety shown having
55 a superimposed head strip overcapping the upper extremity of the board and extending forward and back beyond the corresponding sides thereof, the said extensions having
60 grooves upon their under sides adjacent to the work sides of said board, the said grooves being adapted to receive an edge of a removable protector which protector is operatingly
secured within said grooves by means of
65 springs lying under said head strip and operating upon pins upon said protector to secure it in operating position, substantially as shown.

In testimony whereof I affix my signature in presence of two witnesses.

JAMES H. TAYLOR.

Witnesses:

H. L. COLBURN,
ELIZA A. COLBURN.