

No. 711,275.

Patented Oct. 14, 1902.

P. C. BARTON.
WASHBOARD.

(Application filed Mar. 20, 1902.)

(No Model.)

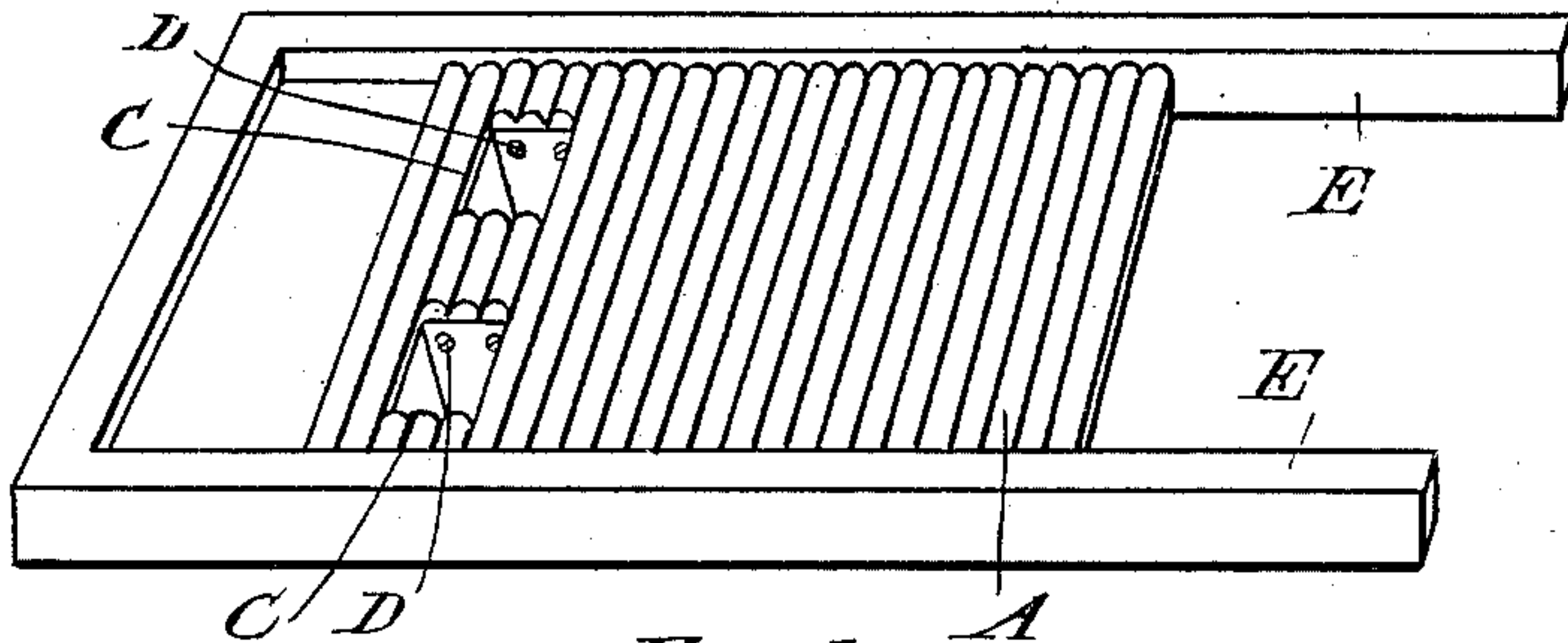


Fig. 1

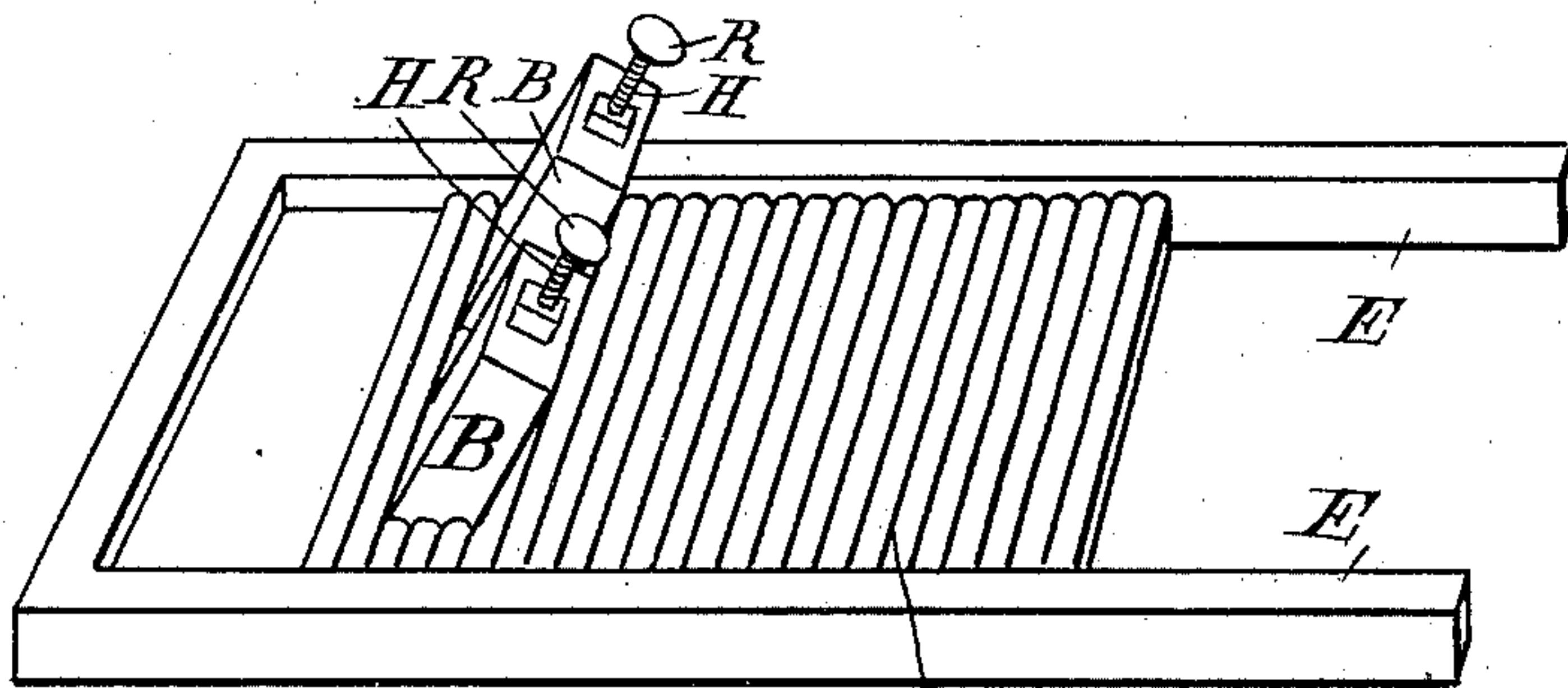


Fig. 2

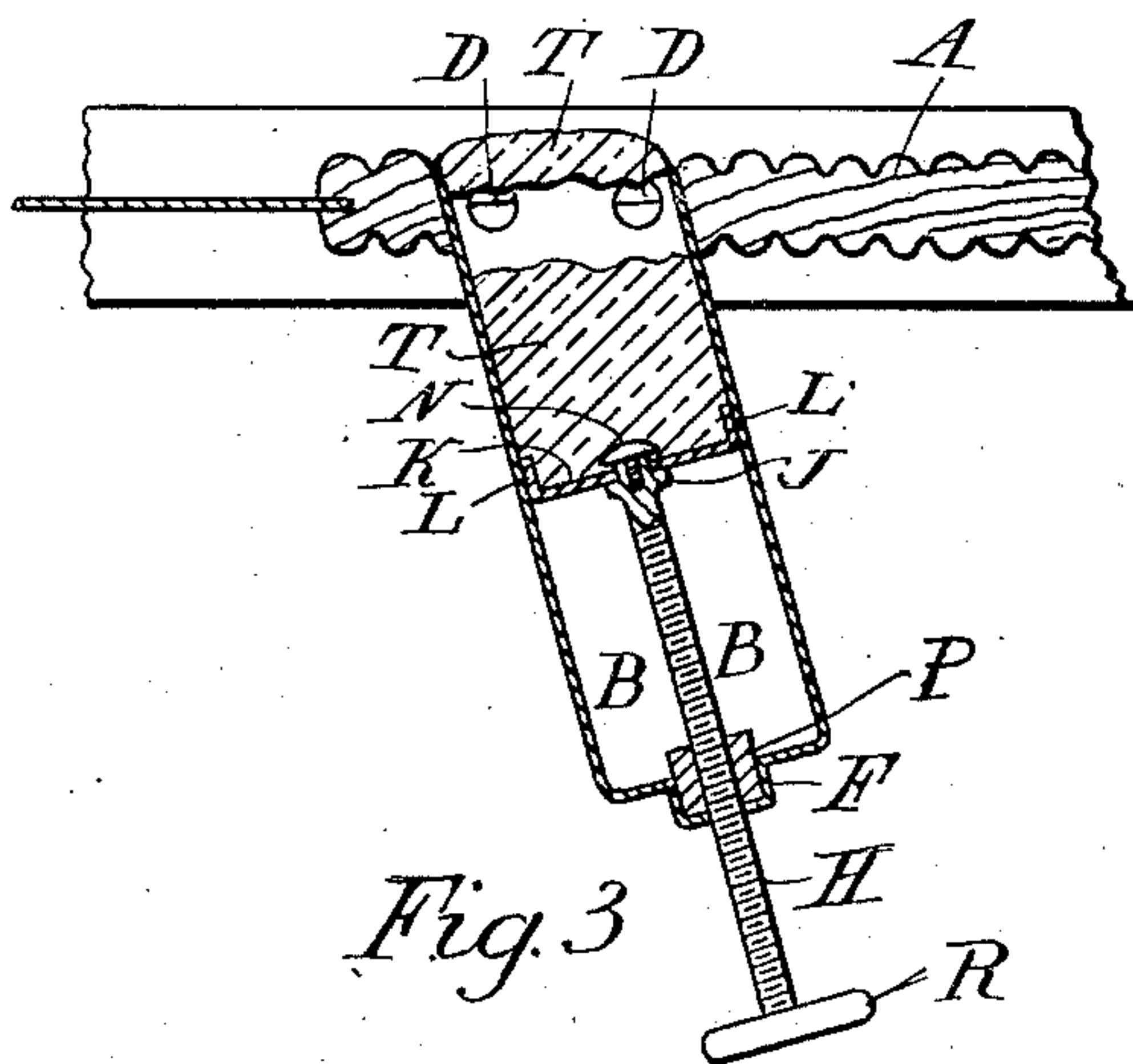


Fig. 3

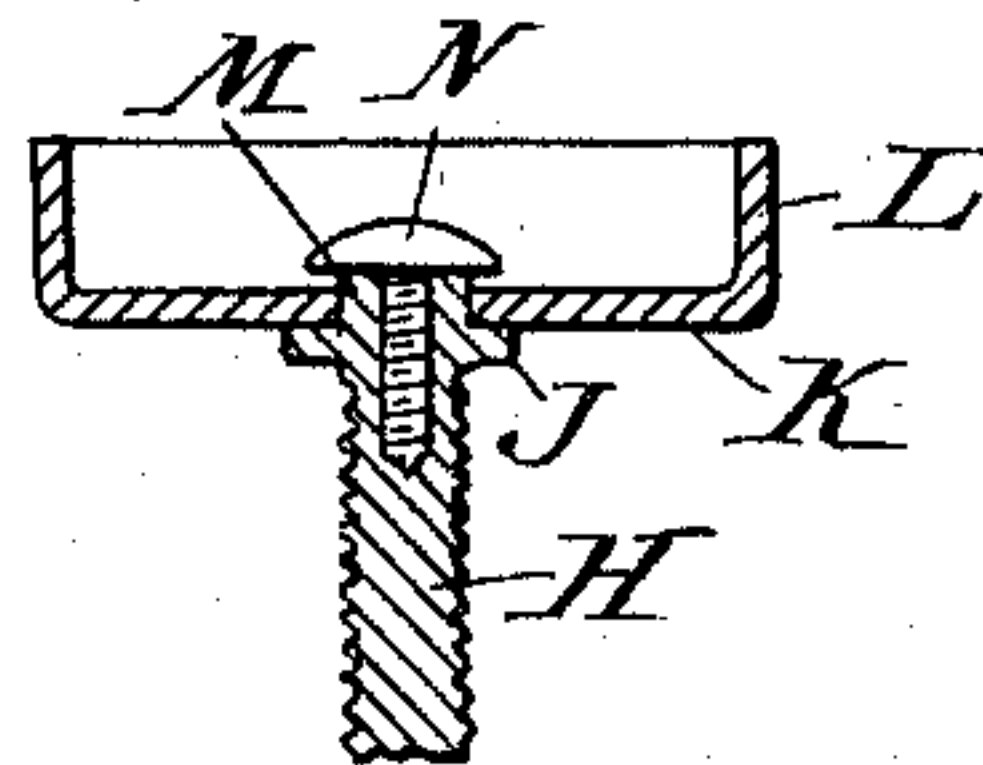


Fig. 4

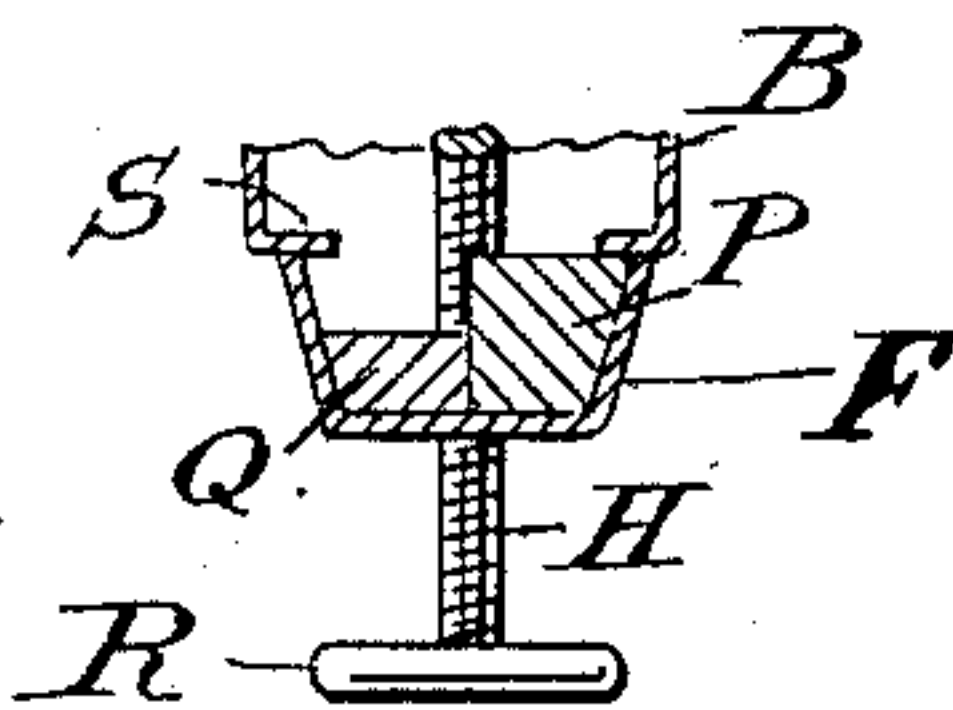


Fig. 5

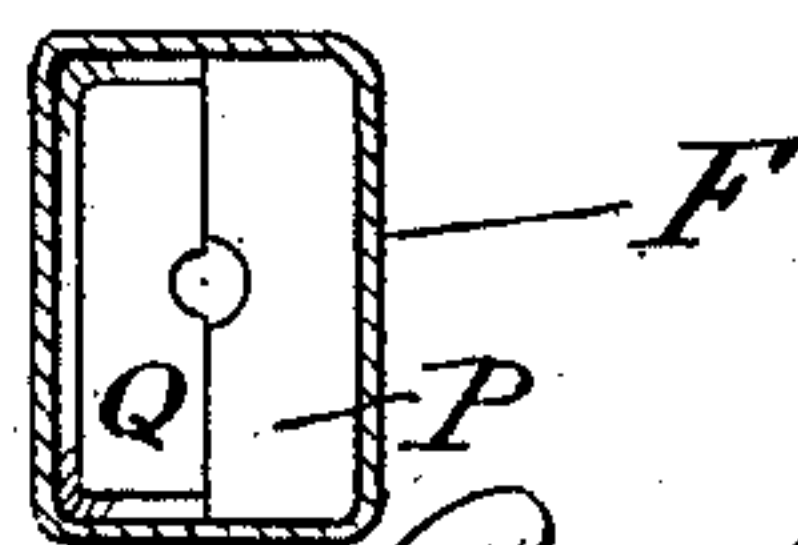


Fig. 6

Witnesses:
James R. Mansfield
J. Stewart Rice.

Inventor:
Percy (Charles) Barton
By his Attorneys
Alexander T. Lowe

UNITED STATES PATENT OFFICE.

PERCY CHARLES BARTON, OF CHILDERS, VIA THE TOWNSHIP OF THORP-
DALE, VICTORIA, AUSTRALIA.

WASHBOARD.

SPECIFICATION forming part of Letters Patent No. 711,275, dated October 14, 1902.

Application filed March 20, 1902. Serial No. 99,184. (No model.)

To all whom it may concern:

Be it known that I, PERCY CHARLES BARTON, a subject of the King of Great Britain and Ireland, and a resident of Childers, via the township of Thorpdale, in the county of Buln Buln, in the Province of Gippsland, State of Victoria, and Commonwealth of Australia, (whose post-office address is Childers, via the township of Thorpdale, Gippsland, Victoria, Australia,) have invented certain new and useful Improvements in Washboards, of which the following is a specification.

The object of my invention is to provide domestic hand-power washboards with soap-receptacles beneath said surface, above which the protruding soap required by the material being rubbed can be easily adjusted. To this end I place one or more receptacles beneath the board, through the open tops of which the soap protrudes, the upward feed being regulated by the parts hereinafter described, a special form of nut being used to permit quick release of the feeding-screw.

Referring to the drawings, which form a part of this specification, Figure 1 represents a perspective view of the top of a board. Fig. 2 shows a perspective view of the underneath side of Fig. 1. Fig. 3 shows, on an enlarged scale, the board in section and also the receptacle in which the soap is placed. The soap is shown sectioned, portion of it being broken away to disclose the heads of the screws holding the receptacle to the board. Fig. 4 shows an enlarged sectional elevation of the connection between the feed-screw and the follower. Fig. 5 is a detail section of the nut and screw. Fig. 6 is a plan of Fig. 5 with the screw removed.

Similar letters of reference indicate similar or corresponding parts where they occur in the several views.

On reference to the drawings it will be seen that the washboard has a corrugated rubbing-surface A, having one or more openings C, and surrounding these openings on the under side of the board are secured soap-receptacles B. The lower end of each receptacle B is preferably inclined toward the legs E of the board to prevent the receptacle interfer-

ing with the operator, and the receptacles also assist in holding the board to the tub or other vessel. Each receptacle B is preferably formed of metal, and in its lower end is a chamber F, in which is inserted the screw-engaging devices. Through the end of the chamber is a comparatively large central hole to accommodate the feed-screw H. This feed-screw H has on its upper end a collar J, supporting the follower or plate K, which has its edges L turned upwardly, and in its center is a hole to accommodate the end M of the feed-screw H, and the follower is held on the screw by a large-headed holding-screw N, tapped into the end of feed-screw. Above the follower is placed the soap T, which is preferably cut from a bar.

As shown in Figs. 5 and 6, the chamber at the bottom of the receptacle B is rectangular in contour, and inside of the chamber are placed a guide P and a half-nut Q. The guide P extends the whole depth or height of the chamber and has a semicircular groove in it slightly larger in diameter than the outside of the feeding-screw. The guide is retained in the chamber in any suitable way. The half-nut Q is about one-half as thick as the chamber is deep and has a groove in it opposite the groove in the guide and threaded to register with and be engaged by the threads on the feed-screw. At the chamber-top is a lip or other protuberance S to retain the threaded half-nut in the chamber. Fig. 5 shows the nut Q at the bottom of the chamber, its normal position; but when the receptacle requires recharging the feed-screw instead of being tediously rotated by the fingers can be pushed up, and the threaded half-nut Q being moved to the top of the chamber falls away from the screw and disengages the threads on the screw from the thread on the nut. The board should be held on its side, so that the half-nut will remain clear of the screw until the said screw is brought back to its starting position. The board can then be righted.

It will be seen that as the soap is always in its right place both time and labor will be saved.

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

The combination of a washboard having an
5 opening, a soap-containing receptacle attached to the board around the opening, a grooved guide in the lower end of said receptacle, a half-nut opposite the guide, a rotatable screw entering said receptacle, and passing
10 between the half-nut and guide and nor-

mally in engagement with said nut, and a follower on the upper end of said screw within the receptacle, substantially as described.

In witness whereof I have hereunto set my hand to this specification in the presence of 15 two witnesses.

PERCY CHARLES BARTON.

Witnesses:

EDWIN PHILLIPS,

CECIL W. LE PLASTRIER.