

(Model.)

H. C. CARTER.

WASH BOARD.

No. 313,653.

Patented Mar. 10, 1885.

Fig. 1.

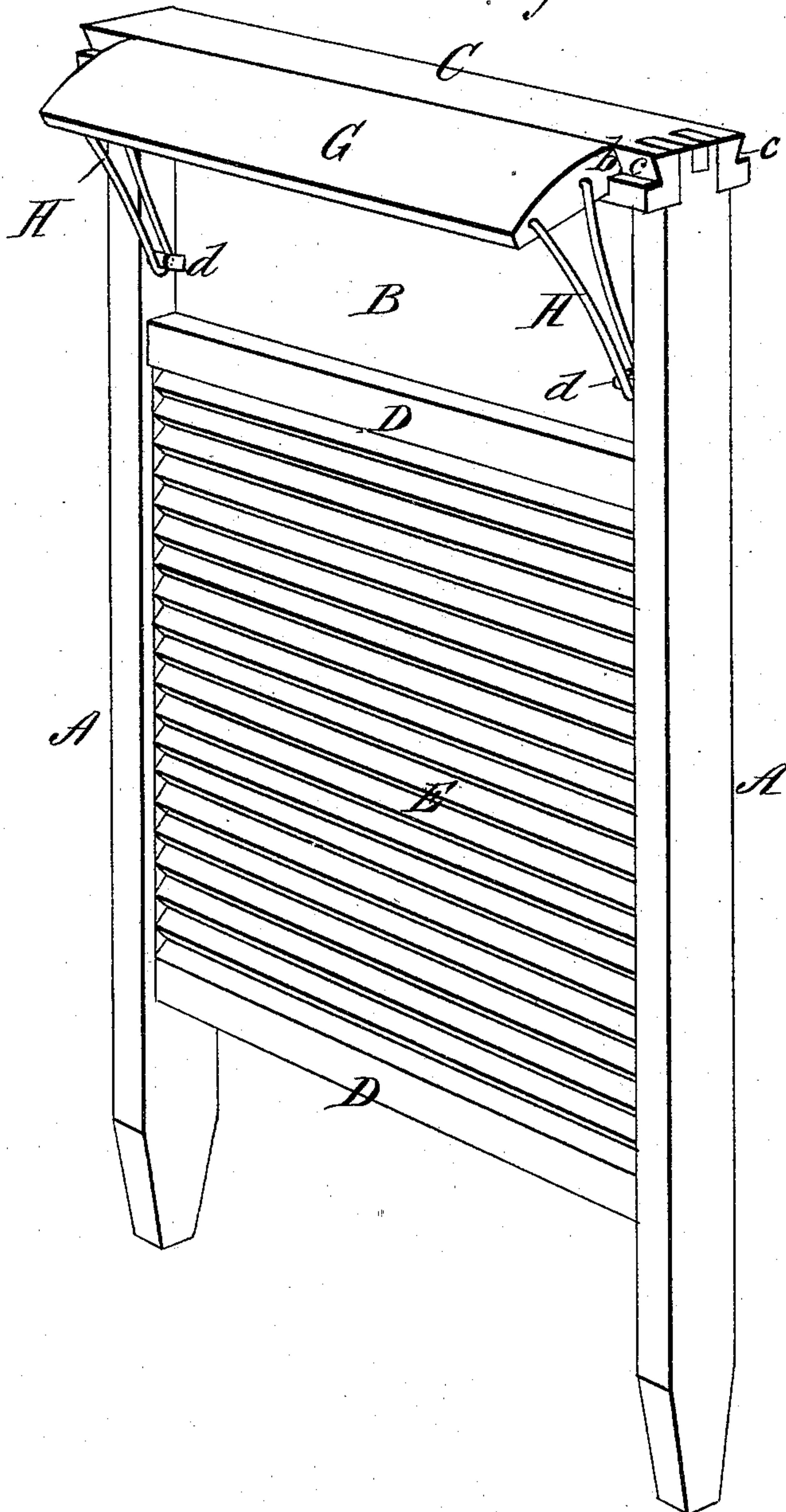
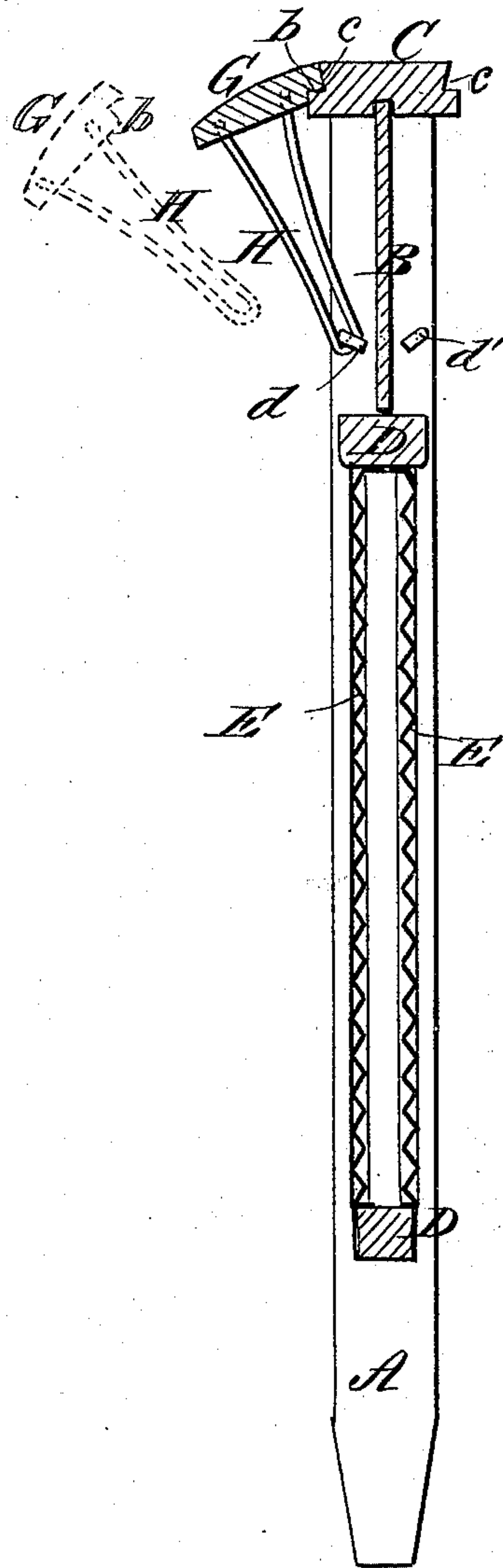


Fig. 2.



WITNESSES:

Donn Twitchell.
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UNITED STATES PATENT OFFICE.

HENRY C. CARTER, OF MONTCLAIR, NEW JERSEY.

WASH-BOARD.

SPECIFICATION forming part of Letters Patent No. 313,653, dated March 10, 1885.

Application filed April 5, 1884. (Model)

To all whom it may concern:

Be it known that I, HENRY C. CARTER, of Montclair, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Wash-Boards, of which the following is a full, clear, and exact description.

This invention relates to wash-boards fitted with protectors that not only guard against the splashing of the suds up or on to the person of the operator, but also form a broad bearing-surface or rest for the body of the washer-woman or operator when stooping or leaning to the work, and it more particularly refers to that class of wash-board protectors in which the protector is attached to the wash-board by means of slots and pins. The invention is also more particularly designed for use on reversible wash-boards—that is, wash-boards having corrugated zinc or metal rubbing-surfaces on their opposite sides or faces.

My invention consists in a spring-connection of the protector with the wash-board, substantially as hereinafter described, and whereby said protector may not only be readily attached to or detached from the board, as required, but the arms of the protector, by their elasticity, serve to securely hold the protector in position when in use; and it also consists in a combination of such detachable protector with a double or reversible wash-board, whereby the same protector may be used on either or both sides, alternately, of the board.

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

Figure 1 represents a view in perspective of a double or reversible wash-board with my invention applied; Fig. 2, a vertical longitudinal section of the same, also showing by dotted lines the protector and one of its spring-arms detached.

A A are the legs of the wash-board, mounted with the usual cross-head piece or partial body-support and guard C; and D D are upper and lower cross-frame pieces, to which the corrugated zinc or metal plates E E of the double or reversible board are secured.

The protector is composed of a head or cross piece, G, having spring side arms, H H, of a slotted form or construction, and each of which

is composed of an elastic bent-wire loop connected at its free ends in a transverse direction to the protector-board or cross-piece G, which is fitted to engage by an under-groove construction of its one edge, as at *b*, with either upper edge of the guard C, having corresponding grooves, *c c*.

Projecting from the inner sides of the legs A A, on both or opposite sides of the head-board B, are hooks or suitably-shaped studs *d d'*, with which the looped ends of the elastic arms H H of the protector engage. The distance apart of the elastic arms H H is such that, in order to engage them with or disengage them from the hooks or studs *d* or *d'*, said arms require to be pressed toward each other in order that said hooks or studs may pass into or out of the slots or openings in the spring-arms, which provides for their retaining their proper position when in place, and for quickly detaching the protector, when required, as also for readily changing the protector from one side to the other of the double or reversible wash-board.

To change the protector from one side of the wash-board to the other, first disengage the cross-piece G from the guard C; then press the arms H toward each other until they are free of the hooks, when the protector may be applied to the opposite hooks by first pressing the arms H toward each other and allowing them to spring into engagement with the hooks, and then pressing the cross-piece upward and partially over the edge of the guard C, as shown. The arms H will then exert a downward pressure on the cross-piece G, to hold it firmly to the guard C.

Furthermore, the two side portions of each elastic wire arm H are so curved or bent apart in direction of their length, and the hooks or studs *d* or *d'* placed at such distance below the guard C, that when the protector, which swings by its arms on said studs, is adjusted into working position and so that its cross-head piece G engages by its grooved edge with either grooved edge of the guard C, the spring-arms H H will be more or less straightened or stretched, to hold the protector in its engaged position with the cross-head piece C.

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

1. A removable protector for wash-boards,

consisting, essentially, of a cross-piece provided with two depending slotted or open spring-arms, substantially as set forth.

2. In a removable protector for wash-boards, a cross-piece provided with two open or slotted spring-arms, said arms being formed with bends to cause said arms to exert a pulling-strain when under tension, substantially as set forth.

3. The combination, with a reversible wash-board provided with hooks or studs $d d'$, below its guard C, of a removable protector having the cross-piece G, provided with slotted or open spring-arms adapted to spring into engagement with said hooks and to be removed therefrom, substantially as set forth.

4. The combination, with a reversible wash-board provided with hooks or studs $d d'$, below the guard C, of a removable protector consisting of the cross-piece G, having open or slotted spring-arms H, the members of said

spring-arms being bent toward each other, as shown, whereby when the arms engage the hooks d or d' and one longitudinal edge of the cross-piece G overlaps one longitudinal edge of the guard C, a downward pressure will be exerted by said arms to hold said cross-piece to the guard, as set forth.

5. In a reversible wash-board, the combination, with the guard C, grooved at $c c$, and the sides A, provided with hooks $d d'$ on opposite sides, of the cross-piece G, grooved at b to fit one of the grooves c , and the bent slotted spring-arms H, secured to said cross-piece G, and adapted to engage the hooks d or d' , and hold the grooved edges of cross-piece G and guard C in contact to present an unbroken surface, as set forth.

HENRY C. CARTER.

Witnesses:

EDGAR TATE,

ALFRED H. DAVIS.