

(No Model.)

B. H. JOHNSON.
SCRUBBER.

No. 535,832.

Patented Mar. 19, 1895.

FIG. 1.

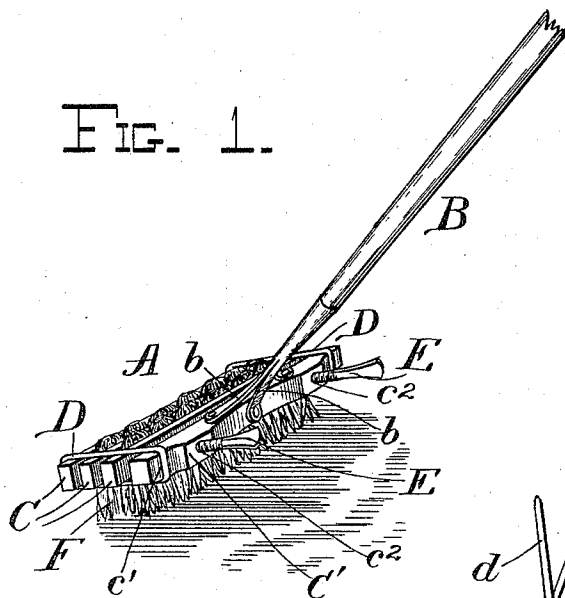
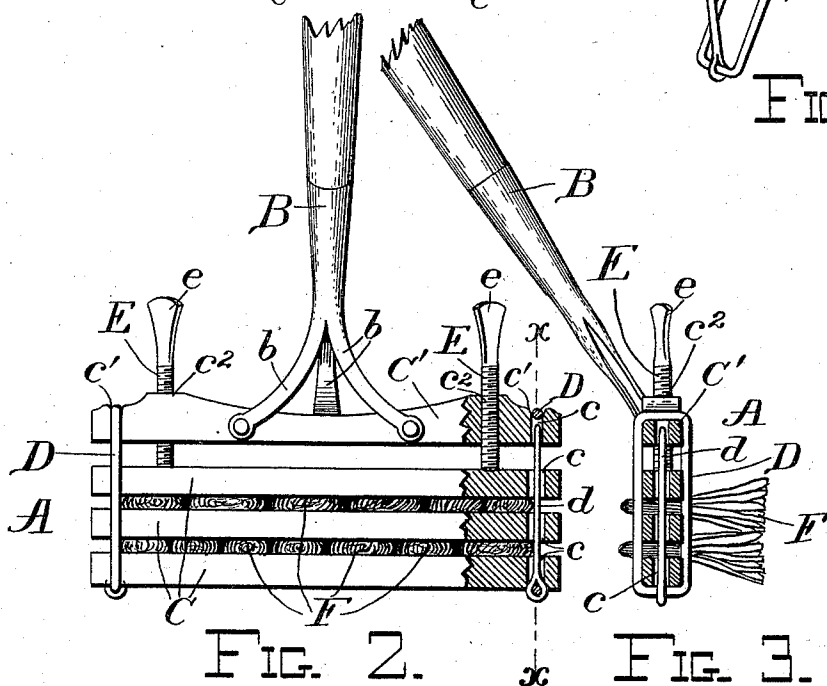
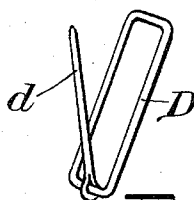


FIG. 4.



Witnesses

Rory C. Bowen,
Maurice S. Lussac,

Inventor

B. H. Johnson,
By Whitman & Wilkinson
Attorneys

UNITED STATES PATENT OFFICE.

BENJAMIN H. JOHNSON, OF DICKEY, GEORGIA.

SCRUBBER.

SPECIFICATION forming part of Letters Patent No. 535,832, dated March 19, 1895.

Application filed October 16, 1894. Serial No. 526,084. (No model.)

To all whom it may concern:

Be it known that I, BENJAMIN H. JOHNSON, a citizen of the United States, residing at Dickey, in the county of Calhoun and State of Georgia, have invented certain new and useful Improvements in Scrubbers; 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 scrubbers, and consists of certain novel features hereinafter described and claimed.

Reference is had to the accompanying drawings, wherein the same parts are indicated by the same letters throughout the several views.

Figure 1 represents a perspective view of the improved scrubber. Fig. 2 represents a plan view of the same, parts being broken away. Fig. 3 represents a section of the mop along the line *xx* of Fig. 2, and looking to the left; and Fig. 4 represents a perspective view of the buckle for holding the slats together in the scrubber-head.

A represents the scrubber head, and B represents the handle which is secured to the back piece *C'* of the scrubber head, by means of the resilient braces *b*. These braces securely attach the handle to the scrubber head, and at the same time give the desired amount of play to the scrubber head, and thus securing a more equable pressure.

The scrubber head is provided with a plurality of slats *C*, preferably three in number, which are perforated near their ends, as at *c*, and are held together by the buckles *D*, the tongues *d* of which pass through the said holes *c* and the frames of the said buckles slip over the ends of the said slats, and also of the inner and heavier slat *C'*. This slat *C'* is also provided with holes *c* for the tongues of the buckles, and is grooved as at *c'* to receive the frame of the buckle, as shown in Fig. 2. It is also screwthreaded as at *c''* to receive the screws *E*, which are provided with a flattened head *e* for screwing up either by hand or with a wrench, or partly by both.

F represents a plurality of tufts of shucks

or similar material, which are held clamped between the slats *C*. In order to renew the tufts, it is only necessary to ease up on the screws *E* enough to loosen the slats *C* the desired amount, and then to take out the old tufts, and insert the new ones, which are held firmly in place by screwing down hard on the screws *E*. The tongues *d* of the buckles, not only serve as guide rods for the slats *C*, preventing them from slipping out endwise, but they also add strength and rigidity to the structure.

The herein described structure presents a cheap, simple and convenient method of manufacturing a scrubbing brush, the tufts of which may be readily renewed as frequently as desired.

Having thus described my invention, what I claim, and desire to secure by Letters Patent of the United States, is—

1. A scrubber, comprising a plurality of parallel slats, perforated near their ends; buckles having frames adapted to slip over the ends of said slats with tongues adapted to enter into said perforations; tufts of shucks or similar material interposed between each pair of said slats except the rear pair, and clamp screws passing through the rear slat and bearing against the adjacent slat, substantially as and for the purposes described.

2. In a scrubber, the combination with the slats *C* perforated near their ends, of the tufts of shucks or similar material held between said slats, the rear slat *C'* also perforated near its ends, the buckles *D* having tongues *d* passing into said perforations, and frames adapted to slip over the ends of said slats, the clamp screws *E* passing through said rear slat *C'* and adapted to bear against the rear one of said slats *C*, a handle *B* with straps *b* of resilient metal securing said handle to said rear slat *C'*, substantially as and for the purposes described.

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

BENJAMIN H. JOHNSON.

Witnesses:

WM. P. COOLEY,
JOHN J. RAGAN.