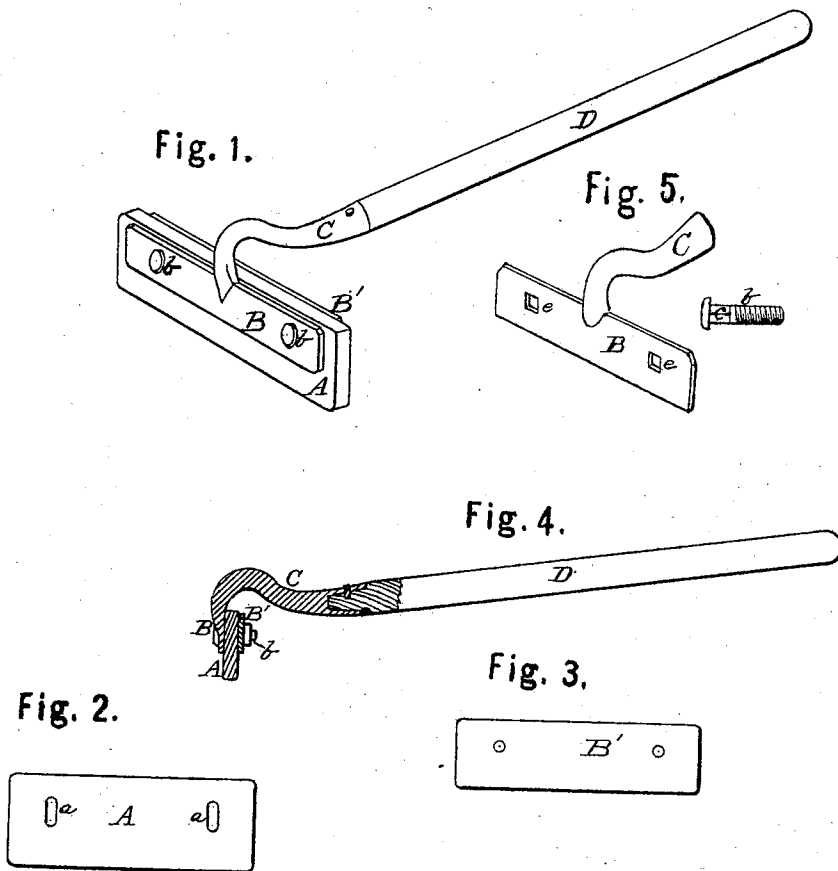


A. S. BRINSER.

Improvement in Scrubbing-Brushes.

No. 132,049.

Patented Oct. 8, 1872.



WITNESSES.
E. A. Bates.
Phil. C. Case.

INVENTOR.
Amos S. Brinser.
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Attys

UNITED STATES PATENT OFFICE.

AMOS S. BRINSER, OF FALMOUTH, PENNSYLVANIA.

IMPROVEMENT IN SCRUBBING-BRUSHES.

Specification forming part of Letters Patent No. 132,049, dated October 8, 1872.

To all whom it may concern:

Be it known that I, AMOS S. BRINSER, of Falmouth, in the county of Lancaster and State of Pennsylvania, have invented a new and valuable Improvement in Scrubbing-Brushes; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawing making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawing is a representation of a perspective view of my invention; Fig. 2 is a detail view; Figs. 3 and 5 are details; and Fig. 4 is a vertical section of my invention.

My invention has relation to a floor-scrubbing utensil, in which a block of India rubber clamped between two parallel plates and secured by bolts is used as the frictional material; and the novelty consists in constructing the front plate of the clamp and the shank which is attached to the handle in one piece, in making rectangular bolt-holes through said plate to prevent the square-shouldered bolts from turning, and in arranging the back plate, bolts, and India-rubber block, substantially as hereinafter described.

Referring to the accompanying drawing, A represents an oblong rectangular block of India rubber of suitable flexibility for scrubbing purposes.

a a designate holes through said block for

the passage of the bolts *b*. These holes may be in the form of slots, as shown in Fig. 2, to allow the block to be adjusted, according as it becomes worn. *B B* designate the clamping-plates. The plate *B* is formed by flattening out the end of the shank *C*, to which the handle *D* is attached. The plate *B'* is a separate piece. The India-rubber block is secured between the plates *B B'* by means of the bolts *b b*. These bolts have square shoulders *c* near their heads, fitting squared holes *e* formed in the plate *B*, for the purpose of preventing the bolts from turning and the plates from becoming loose. On its inner end each bolt holds a nut.

What I claim as my invention, and desire to secure by Letters Patent, is—

The improved scrubber having the clamp, consisting of the front plate *B* formed on the end of the shank *C*, and furnished with square bolt-holes, the rubber *A* having elongated slots *a a*, the back plate *B*, and the square shank-bolts, all constructed and arranged substantially as specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

AMOS S. BRINSER.

Witnesses:

ROBT. SNODGRASS,
S. H. ALLEMAN.