

J. D. SMITH.

Combined Scrubbing-Brushes, Mops, and Wringers.

No. 140,655.

Patented July 8, 1873.

Fig. 1.

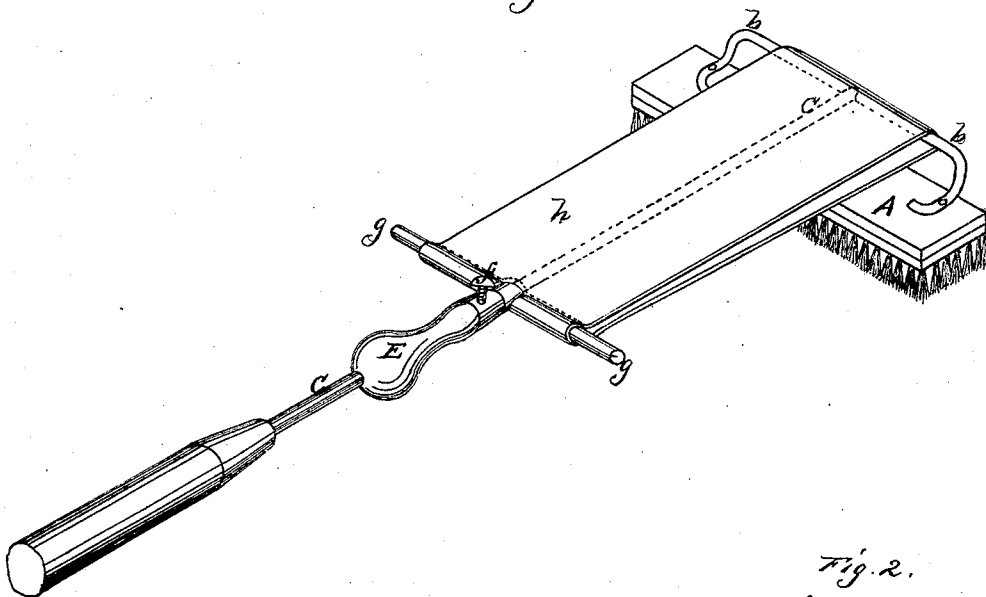
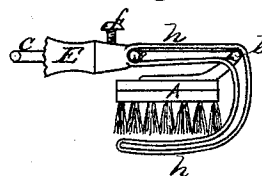


Fig. 2.



Witnesses

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UNITED STATES PATENT OFFICE.

JOHN D. SMITH, OF SACRAMENTO, CALIFORNIA.

IMPROVEMENT IN COMBINED SCRUBBING-BRUSHES, MOPS, AND WRINGERS.

Specification forming part of Letters Patent No. **140,655**, dated July 8, 1873; application filed February 3, 1873.

To all whom it may concern :

Be it known that I, JOHN D. SMITH, of Sacramento city and county, State of California, have invented a Combined Scrubbing-Brush, Mop, and Wringer; and I do hereby declare the following description and accompanying drawings are sufficient to enable any person skilled in the art or science to which it most nearly appertains to make and use my said invention without further invention or experiment.

My invention relates to a cheap, simple, and convenient house-cleaning implement, which consists of a scrubbing-brush and mop, so arranged that either can be used, at pleasure. The mop is so attached to the head and handle as to provide a simple arrangement for wringing it, when desired.

In order to properly explain my invention, reference is had to the accompanying drawings forming a part of this specification, in which—

Figure 1 is a perspective view of my invention. Fig. 2 is a side view, showing the mop ready for use.

A is a scrubbing-brush, having secured to its back the rod *b*, which extends almost from one end of the brush to the other, its ends being bent down and fastened to the brush-back near each end, so that the rod will be raised from the brush and stand a little forward of it. The handle C is secured to the middle of the rod *b*, and extends backward, in the usual manner. E is a sliding handle, which can be moved along the handle C, and which is provided with a set-screw, *f*, by which it can be fixed at any point desired. A cross-bar, *g*, extends across the lower end of this

movable handle. The mop-cloth *h* is passed around the rod *b* and doubled back to the cross-bar *g* of the movable handle, to which both ends are secured.

When it is desired to use the mop-cloth, the set-screw *f* is loosened and the handle E slid down toward the mop-head, so as to allow the cloth to either drop over the brush to be used, or the brush can be turned over so as to allow the cloth to be used on the rod *b*.

When it is desired to wring the cloth, the handle E is drawn upward along the handle until the cloth is drawn taut, and then, by turning the handle E upon the handle C, the cloth will be twisted and the water wrung out. The cloth is secured out of the way of the brush by drawing it tight by means of the sliding handle, and the fixing the handle in place by means of the set-screw *f*.

The brush can be used as a scrubber, or as a ceiling-cleaner, and in the latter case, when the cloth is damp and spread out, it will serve as an apron to catch a great deal of the dust and dirt which flies on such occasions.

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

The brush A, with its back rod *b* and handle C, in combination with the sliding and revolving handle E, having the set-screw *f* and cross-bar *g*, substantially as and for the purpose above described.

In witness whereof I hereunto set my hand and seal.

JOHN DAVID SMITH. [L. S.]

Witnesses:

JOHN K. ALEXANDER,
ABNER E. PARSONS.