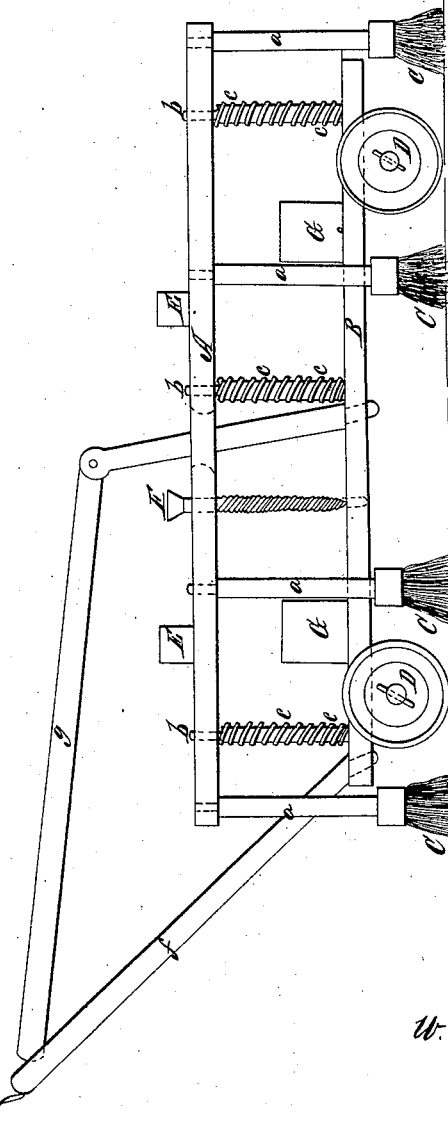


W. T. Smyth,

Scrubbing Machine,

Nº 52,220.

Patented Jan. 23, 1866.



Witnesses:

Jas. Johnson
Jh. Lang

Inventor:

W. T. Smyth
By his attorney
S. S. Zahnischek

UNITED STATES PATENT OFFICE.

WILLIAM T. SMYTH, OF PHILADELPHIA, PENNSYLVANIA.

SCRUBBING-MACHINE.

Specification forming part of Letters Patent No. 52,220, dated January 23, 1866.

To all whom it may concern:

Be it known that I, WILLIAM THOMAS SMYTH, of the city and county of Philadelphia, in the State of Pennsylvania, have invented a new and Improved Machine for Scrubbing and Cleaning; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawing, and to the letters of reference marked thereon.

The object of my invention is to lessen the labor and facilitate the operation of the common process of scrubbing floors or pavements, usually done with a hand scrub-brush, or a long-handled one. In using the former, the operator or scrubber is obliged to get down on the floor in a position usually denominated "all fours," or on hands and knees, and necessarily becomes more or less soiled, generally very much so, and considerable pressure has to be put on the brush. My machine relieves both of these objections, and the operator can move the machine about at pleasure, (it carrying its own weight,) and can do so in a standing position.

In the drawing, A represents the top part of my machine, B the bottom. *a* are uprights or standards fastened to B, and carrying brushes C. Wheels D are attached to bottom piece, which also has standards *b* passing up through A. Around these standards are spiral springs *c*, which keep A and B apart.

E represents weights on the top of A, which tend to press the brushes C upon the floor,

and, as it were, raise the wheels. Screws F may pass through A, and, working in B, serve the same or similar purpose as the weights E.

G is a hole in the top of A, through which to put a handle, *g*, for the operator to take hold of and push or work the machine. Another handle, *f*, can be inserted in one end of B. One or both may be used. The handles may be located elsewhere, if preferred.

G G represent reservoirs or water-vessels, arranged so that a desirable quantity of water may drop upon and wet the floor during the working of the machine. The water can percolate through bottom B.

The operation is simply pulling or pushing the machine over a floor or pavement, (which a child even can do,) the wheels relieving greatly the operator, while the machine carries its own weight or pressure.

The brushes may be multiplied at pleasure, and a machine with but two brushes and one or two wheels may be made.

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

The combination of the brushes C with the top piece, A, and wheeled bed-piece, constructed and operating substantially as described, and for the purpose set forth.

W. T. SMYTH.

Witnesses:

S. S. FAHNESTOCK,
JOHN S. HOLLINGSHEAD.