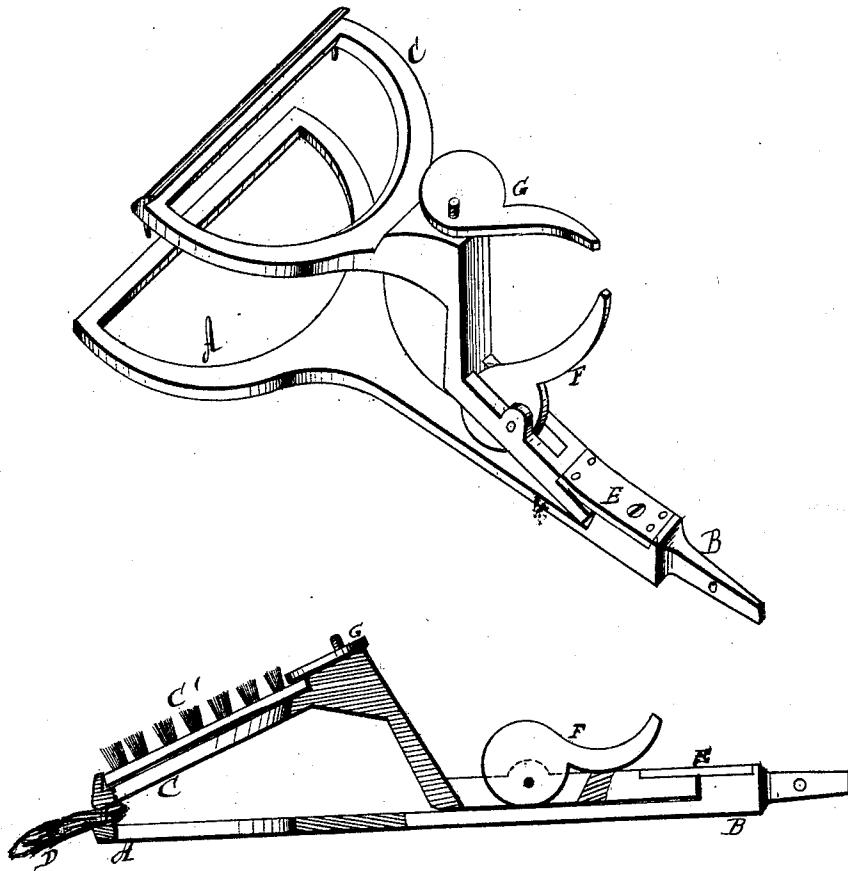


W. H. Kline,

Scrubber.

No. 108,364.

Patented Oct. 18, 1870.



Witnesses:

M. Forland
L. J. Maber

Inventor:

W. H. Kline
PER M. M. Kline
Attorney.

United States Patent Office.

WILLIAM H. KLINE, OF JERSEY SHORE, PENNSYLVANIA.

Letters Patent No. 108,364, dated October 18, 1870.

IMPROVEMENT IN MOP AND SCRUBBER-HEADS.

The Schedule referred to in these Letters Patent and making part of the same

To all whom it may concern :

Be it known that I, WILLIAM H. KLINE, of Jersey Shore, in the county of Lycoming and State of Pennsylvania, have invented a new and useful Improvement in Combined Mop and Scrubber-Head; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification.

This invention relates to a new and useful improvement in a head for holding a mop and scrubbing-brush, by means of which the laborious operation of mopping and scrubbing is greatly facilitated; and

The invention consists in the mode of constructing, arranging, and combining the different parts, so that either a mop or a brush, or both at the same time, may be securely held and used, as will be hereinafter more fully described.

In the accompanying drawing—

Figure 1 represents a perspective view of the article.

Figure 2 is a longitudinal side view.

Similar letters of reference indicate corresponding parts.

This apparatus consists in a stationary jaw, A, and shank B, to which the handle is attached, and a spring jaw, C, which closes onto the jaw A for holding the mop D, as seen in fig. 2.

E is a spring, by means of which the two jaws are united, and by the tenon of which the mop D is held.

F is a cam-lever, by means of which the jaw C is raised from A, for inserting or removing the mop. This cam is pivoted to the jaw C, and acts or bears on A, as seen.

The jaw C is made to fasten a scrubbing-brush, C', by means of a dovetailed groove and the cam G. This cam may act as a button to fasten the brush, as seen in fig. 2, or its edge may be made to bear against the end of the brush for that purpose.

The jaw C is of peculiar shape, being somewhat triangular in form, so that the brush will rest level on the floor while the handle stands at an angle therewith. This arrangement obviates the necessity of getting down on the floor to scrub, as the operator may stand nearly erect, and use the brush to the best advantage.

For using the mop D, the head has only to be turned over; but the brush can be removed, if desired.

Having thus described my invention,

I claim as new and desire to secure by Letters Patent—

A mop and scrubbing-head combined, formed of the jaws A and C, and provided with cams or fastening devices F and G, constructed, arranged, and operating substantially as herein shown and described.

WILLIAM H. KLINE.

Witnesses:

R. H. GRIER,
SOLOMON GUDYKUNST.