

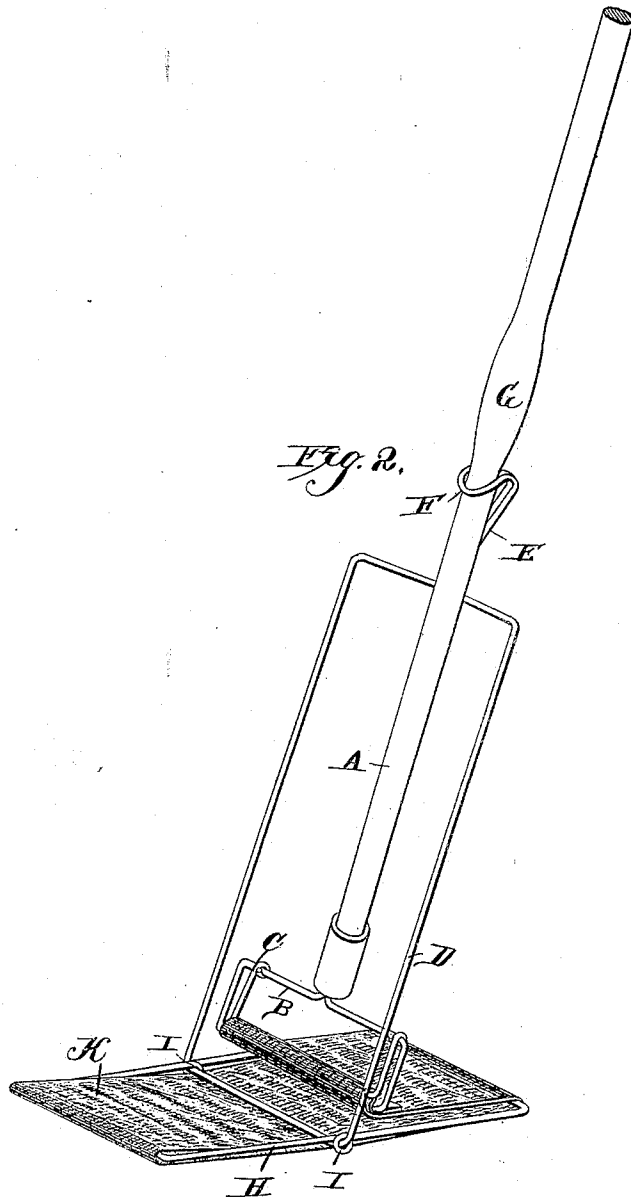
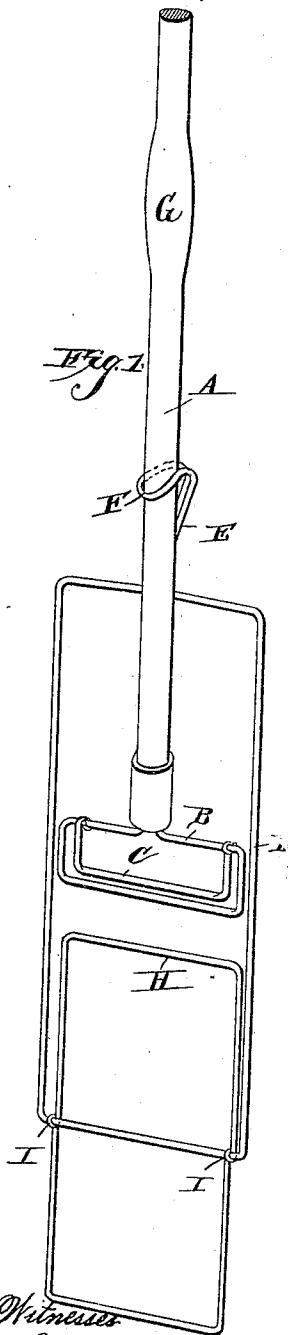
(No Model.)

A. W. PAGE.
MOP.

2 Sheets—Sheet 1.

No. 417,078.

Patented Dec. 10, 1889.



Witnesses

Henry J. Dieterich

Wm. Bagger

Albert W. Page,
Inventor

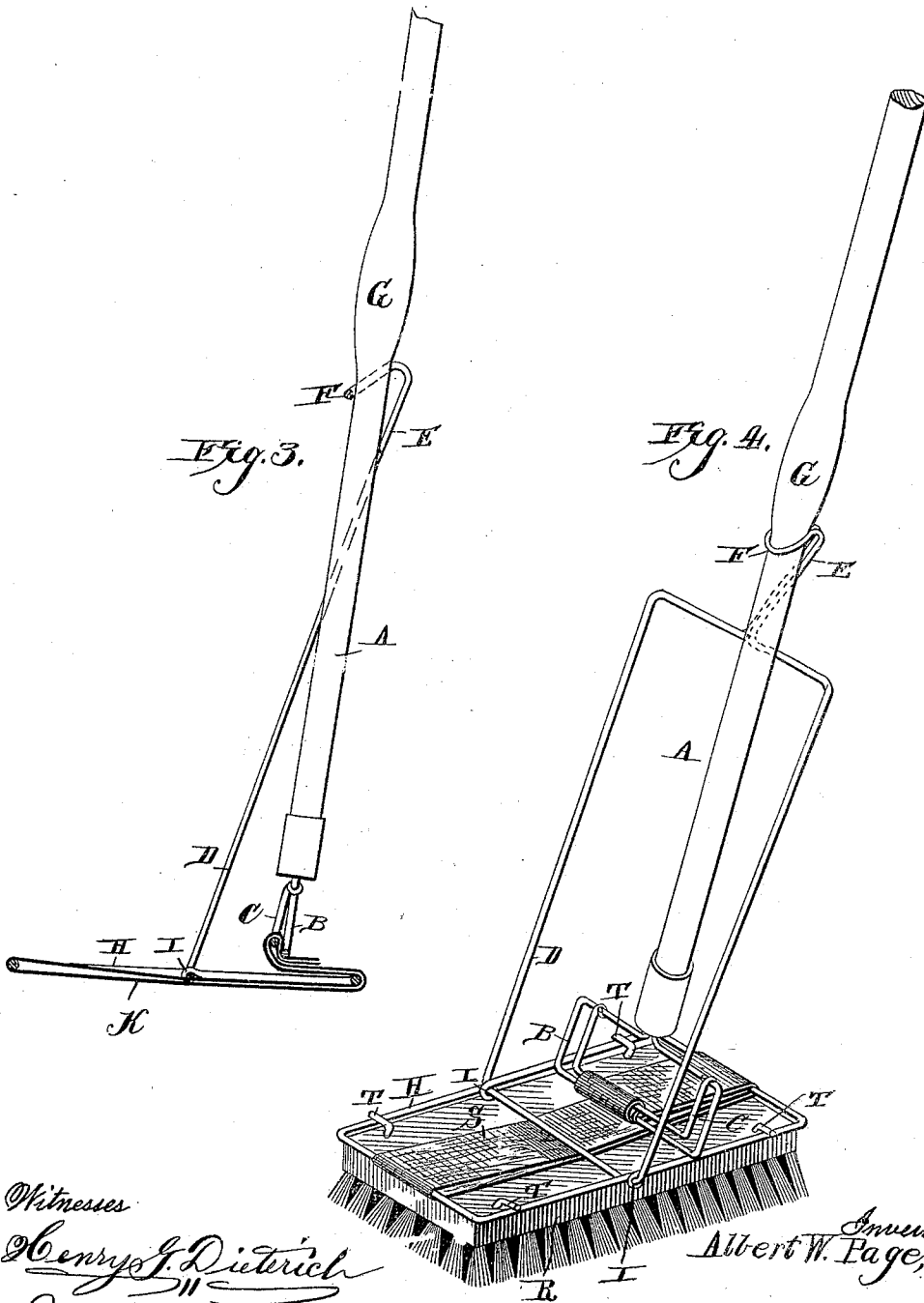
By his Attorneys

C. Snowles

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UNITED STATES PATENT OFFICE.

ALBERT W. PAGE, OF OREGON, WISCONSIN.

MOP.

SPECIFICATION forming part of Letters Patent No. 417,078, dated December 10, 1889.

Application filed April 27, 1889. Serial No. 308,855. (No model.)

To all whom it may concern:

Be it known that I, ALBERT W. PAGE, a citizen of the United States, residing at Oregon, in the county of Dane and State of Wisconsin, have invented a new and useful Mop, of which the following is a specification.

This invention relates to mops; and it has for its object to provide a device which shall be simple in construction, inexpensive, easily manipulated, and which shall keep the mop-cloth stretched during operation and adapted to adjust itself upon the floor, walls, or ceiling where it may be used, and which may be conveniently used as a handle or holder for a brush adapted to be used either for brushing, scrubbing, dusting, or for blacking stoves and the like.

With these ends in view the invention consists in the improved construction and arrangement of parts, which will be hereinafter fully described, and particularly pointed out in the claims.

In the drawings, Figure 1 is a perspective view of my improved mop and brush handle or holder. Fig. 2 is a perspective view of the same, showing a mop-cloth adjusted therein in position for operation. Fig. 3 is a sectional view taken longitudinally through the same. Fig. 4 is a perspective view showing a brush secured in the handle or holder in position for operation.

The same letters refer to the same parts in all the figures.

A designates a handle of suitable dimensions, to the lower end of which is secured a clamping device to which the ends of the mop-cloth are in practice attached. Said clamping device comprises a rectangular frame B, which may be constructed of wire or other suitable material, and to the upper side of which are hinged the legs of an interior wire frame or bail C. Any other suitable clamping device may, however, be substituted for the one just described if it shall be found desirable to do so.

D designates a rectangular frame, which may be constructed of stout wire or other suitable material, which is bent so as to form an upwardly-extending shank E at the upper side of said frame and having an eye F encircling the handle A. The shank E is bent outwardly from the latter, so as to cause the

eye F to bear against the said handle with a sufficient degree of friction to retain the sliding frame D in any position to which it may be adjusted. The said handle A also has an enlarged or thickened portion G to aid in retaining the sliding frame D, which will move more freely at the points above and below the said enlarged or thickened portion.

H designates a rectangular wire frame, the sides of which are formed with loops or eyes I I, whereby the said frame is mounted pivotally upon the lower or outer end of the sliding frame D, between the sides of which the said frame H is adapted to swing.

K designates the mop-cloth, which consists of a strip of suitable material, and which is attached to the holder by first doubling the said strip around the outer end of the pivoted frame H, then carrying the ends of the said strip under the outer end of the frame D, then over the inner end of the pivoted frame H, under the frame B at the end of the mop-handle, up through the clamping-frame C, and back under the frame B. The frame C is then depressed, so as to retain the ends of the mop-cloth securely. The handle A is now moved downwardly through the eye F at the end of the rectangular frame D, thus carrying the ends of the mop-cloth over the upper or inner end of the swinging frame H. The device is then ready for operation. The mop-cloth, it will be seen, is stretched across the lower side of the pivoted rectangular frame, which will readily adapt itself to any position of the handle, thus enabling rapid and effective work to be performed with my improved mop, either upon the floors, walls, ceilings, or windows, as the case may be. By drawing the handle in an upward direction the pivoted frame H may be permitted to swing around, and the handle may then again be pushed down to a position which enables the mop-cloth to be conveniently wrung or twisted tightly around the said handle, or by drawing the handle to the extreme upper end of the sliding frame D the mop may be wrung while in a slack position. The method of attaching the mop-cloth herein described enables it to be conveniently removed for the purpose of washing or renewing the same, as circumstances may demand.

When the device is to be used as a brush-

holder, a strip S, of suitable cloth, is substituted for the mop, merely for the purpose of holding the swinging frame H in the required position with relation to the handle. A brush of suitable construction (designated by letter R) may then be attached to the said swinging frame by means of turn-buttons T or clamping devices of any suitable construction. Owing to the construction and arrangement of the pivoted frame in which the brush is secured, the latter, like the mop, will readily adapt itself to any position of the handle, and may be used conveniently and effectively for any purpose for which a brush may be employed as a substitute for a mop.

My improved handle or holder is simple in construction, and may be manufactured at a small expense. It will be found to be exceedingly convenient in operation, and by its use I avoid the necessity of grasping the mop or brush with the hands.

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

1. The combination of a handle provided with a clamping-frame at its lower end, a rectangular frame arranged to slide upon the said handle, and a rectangular frame mounted pivotally at the outer end of said sliding frame, substantially as and for the purpose set forth.

2. The combination of the handle, the sliding frame, and a rectangular frame the sides of which are provided with loops or eyes, whereby it is mounted pivotally upon the outer end of the said sliding frame, substantially as set forth.

3. The combination, with the handle having the clamping-frame at its lower end, of the rectangular sliding frame provided at its upper end with a shank having an eye encircling the said handle and a rectangular frame mounted pivotally upon the outer or lower end of said sliding frame, substantially as set forth.

4. The combination, with the handle having the clamping-frame at its lower end and provided with an enlarged or thickened portion, of a sliding frame the upper end of which is provided with an outwardly-extending

shank having an eye encircling the said handle and a rectangular frame mounted pivotally upon the lower end of said sliding frame, substantially-as set forth.

5. The combination of the handle, the clamping-frame comprising a rectangular frame and a bail mounted pivotally upon the upper side of the same, the rectangular sliding frame having an eye encircling the handle, and a rectangular frame the sides of which are provided with centrally-located loops or eyes, whereby it is mounted pivotally upon the lower end of the sliding frame, substantially as set forth.

6. The combination of a handle having a clamping-frame, a sliding rectangular frame, a rectangular frame mounted pivotally upon the lower end of said sliding frame, and a cloth doubled over one end of the pivoted rectangular frame and having its ends attached to the clamping-frame of the handle, substantially as set forth.

7. The combination of a handle, a sliding rectangular frame, a rectangular frame mounted pivotally at the lower end of said sliding frame, a brush attached to the said pivoted frame, and a cloth connecting the latter with the handle, substantially as set forth.

8. The combination of a handle having a clamping-frame at its lower end, a sliding frame having a shank provided with an eye encircling the handle, a rectangular frame the sides of which are provided with loops or eyes by which it is mounted pivotally upon the lower end of the sliding frame, a cloth doubled over one end of the pivoted frame and having its ends attached to the clamping-frame of the handle, and a brush mounted detachably in the pivoted frame, substantially as and for the purpose herein set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

ALBERT W. PAGE.

Witnesses:

C. W. PRATT,
H. B. RICHARDS.