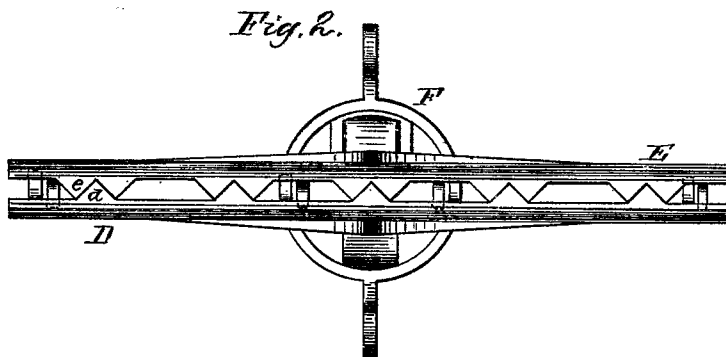
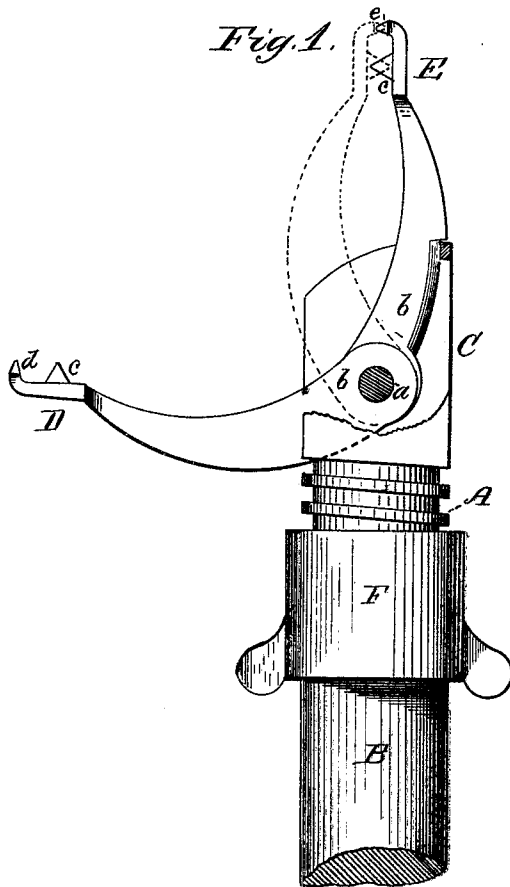


S. J. MATHER.
BRUSH AND MOP HANDLE.

No. 180,724.

Patented Aug. 8, 1876.



WITNESSES

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UNITED STATES PATENT OFFICE.

SPENCER J. MATHER, OF DETROIT, MICHIGAN.

IMPROVEMENT IN BRUSH AND MOP HANDLES.

Specification forming part of Letters Patent No. **180,724**, dated August 8, 1876; application filed July 7, 1876.

To all whom it may concern:

Be it known that I, SPENCER J. MATHER, of Detroit, in the county of Wayne, and State of Michigan, have invented a new and valuable Improvement in a Combined Brush and Mop Holder; 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 drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of my invention. Fig. 2 is a plan or top view of the same.

Previous to my invention that class of mop and brush holders having the jaws operated by a screw-threaded sleeve was open to great objection, owing to the fact one of the jaws was stationary, being cast or otherwise formed with the screw-shank, and if by any cause it should become broken an entire new holder would be necessary, as it could not well be repaired.

The object and purpose of the present invention, therefore, are to remove the necessity of requiring the replacing of a complete mop or brush head when either of the jaws become broken, which is accomplished by having both of the jaws pivoted so that either of them may be replaced when broken.

In the drawings, A represents the screw-shank or socket for the reception of a handle, B. The upper end of the shank A is formed with a slotted head, C, to which are pivoted two jaws, D E, by a pivot, *a*, passing through the lower ends of the shanks *b* of said jaws. These jaws D E have a row of small projections or brackets, *c*, against which the back of the brush rests. The jaw D has formed upon or near its edge a row of single teeth, *d*, while the jaw E has a row of double teeth, *e*, which, when brought together by the screw-threaded sleeve F, said

teeth are firmly embedded in the sides of the brush. When the holder is desired to be used for brushes, the two jaws D E are opened to the desired distance required by the width of the various brushes, after which the brush is placed between the jaws, resting upon the brackets or projections, and the screw-threaded sleeve turned until it presses against the back of the under jaw D, when the teeth *d* are brought in contact with the edge of the brush, embedding them therein; also, the row of double teeth *e*, which firmly holds the brush in position between the jaws, and prevents it from slipping. When the device is used for the purpose of holding a mop, the cloth is placed between the two jaws partially opened, and the screw-threaded sleeve revolved sufficiently to pass it over the ends of the shanks, when the teeth will be brought near together upon the cloth, and thereby firmly hold it within the jaws.

It will be seen that, as both jaws are independent and separate from the screw-shank and head, the latter can be cast much easier, and either jaw, when it becomes broken, can be replaced by another without the necessity of getting an entire new holder.

Having now fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

A mop or brush holder, having two movable or pivoted jaws, operated upon by a screw-threaded sleeve traversing the screw-threads upon the socket or shank to clamp the jaws together, substantially as and for the purpose set forth.

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

SPENCER J. MATHER.

Witnesses:

GEO. O. ROBINSON,
FRANK H. CRAWFORD.