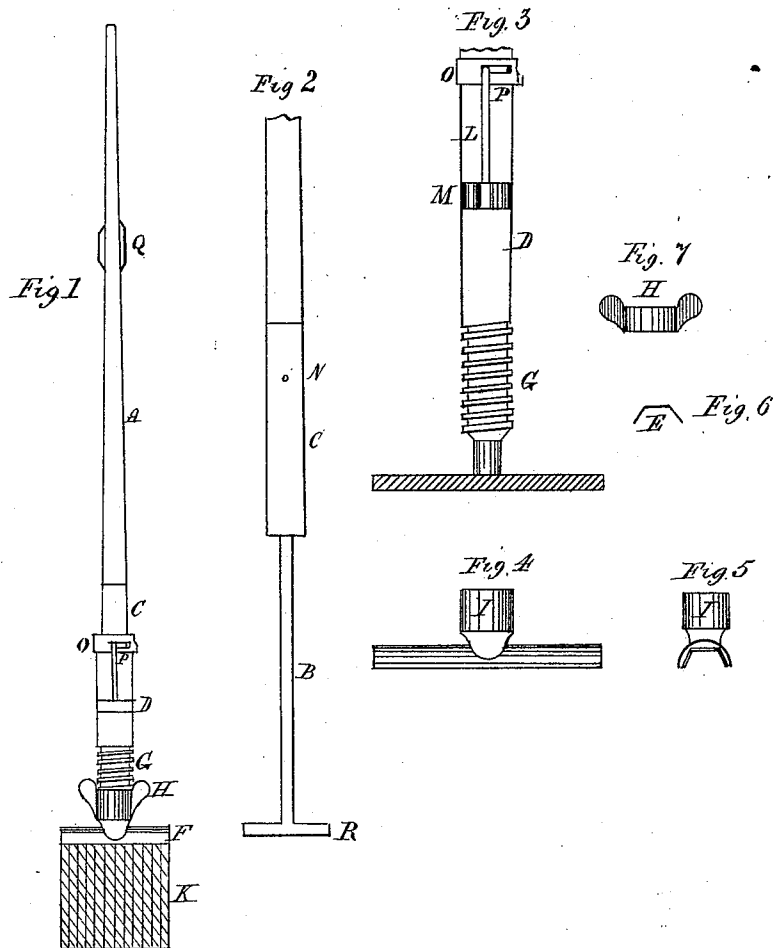


J. W. CUTHBERTSON.

MOP.

No. 177,381.

Patented May 16, 1876.



Witnesses.
Wm B. Bruce.
Geo Eastwood

Inventor
James W. Cuthbertson
By Wm. Bruce
att'y.

UNITED STATES PATENT OFFICE.

JAMES W. CUTHBERTSON, OF BRANTFORD, ASSIGNOR TO ISAAC HAZEL, OF SAME PLACE, AND JOHN EWING, OF WELLINGTON SQUARE, CANADA.

IMPROVEMENT IN MOPS.

Specification forming part of Letters Patent No. **177,381**, dated May 16, 1876; application filed April 24, 1876.

To all whom it may concern:

Be it known that I, JAMES WILLIAM CUTHBERTSON, of the town of Brantford, in the county of Brant, in the Province of Ontario, Dominion of Canada, have invented certain new and useful Improvements in Mops; and I do hereby declare that the following is a full, clear, and exact description, of the construction and operation of the same.

By reference to the annexed drawings it will be seen that Figure 1 is a view of the entire mop. Fig. 2 is the handle of mop on a larger scale. Fig. 3 is a sleeve which revolves on a handle. Fig. 4 is a cover to hold the cloth. Fig. 5 is an end view of the same. Fig. 6 is the stationary mop-head. Fig. 7 is a thumb-nut working on sleeve to hold down the cover.

A is the handle of the mop, in the lower end of which an iron rod, B, is firmly fastened. C is a metal tube fitted firmly on the lower end of wood handle. D is a metal sleeve, which works on a rod, B, and tube C. E is the stationary mop-head, having the sides flat and beveling to hold the cloth, and is fastened to the lower end of sleeve D. F is the cover or outside of mop-head. It is a semicircle, and binds the cloth on sides of E. G is a screw made on the lower end of sleeve D, on which thumb-nut H works. I is a boss formed on cover F, through which rod B passes. It is put at the bottom of sleeve D before inside head E is fastened. K is the cloth, the ends of which are put on each side of inside head E, and the cover or outside head is screwed against it by thumb-nut H, and is thereby held firmly to its place. L is a spring-stop attached to sleeve D at M, the end of which passes through sleeve and drops into holes N in handle A, and prevents mop from turning. O is a latch fitting loosely on sleeve D. There is a slot in it, through which the end of spring-stop L passes into handle A. At the lower side of latch there is a projection, P, which keeps the slot out of hole N,

when required. Q are light bars on handle to facilitate the turning of it. R is a cross at the end of rod B, by which the cloth is wrung by pushing it out in the usual manner.

It has heretofore been customary in this class of mop-heads to arrange upon the main handle a movable or sliding collar, from each side of which projects a branching arm, these arms passing through the extreme ends of the upper movable mop-head section. Each of these arms have been provided with a thumb-nut, which acts directly upon the said mop-head section, and the arms have also been provided with coiled springs, which bear upon the upper mop-head.

This construction is expensive and complicated, and it will be observed that, by my invention, the several parts of the invention are all arranged upon the main handle, whereby I dispense with the two arms and the use of two nuts, and thereby greatly reduce the cost of manufacturing the mops, while, at the same time, the mop, as constructed by me, is much more simple in its operation, and it is only essential to adjust a single thumb-nut in order to clamp the jaws of the mop.

Disclaiming the handle A, tube C, rod B, cross R,

What I claim as my invention, and desire to secure by Letters Patent, is—

The handle A, having the sleeve D, the screw-thread G, and lower mop-head E, in combination with the mop-head F, having the boss I, constructed to embrace the screw-thread G, and the thumb-nut H, arranged on the screw-thread G, and bearing upon the boss I, substantially as and for the purpose shown and described.

Dated at Hamilton, Canada, this 23d day of September, 1874.

JAMES WILLIAM CUTHBERTSON.

Signed in the presence of—

WM. BRUCE,
P. L. SCRIVEN.