

*J. Davis,
Mach Head.*

No. 112,556.

Patented Mar. 14, 1871.

Fig 1.

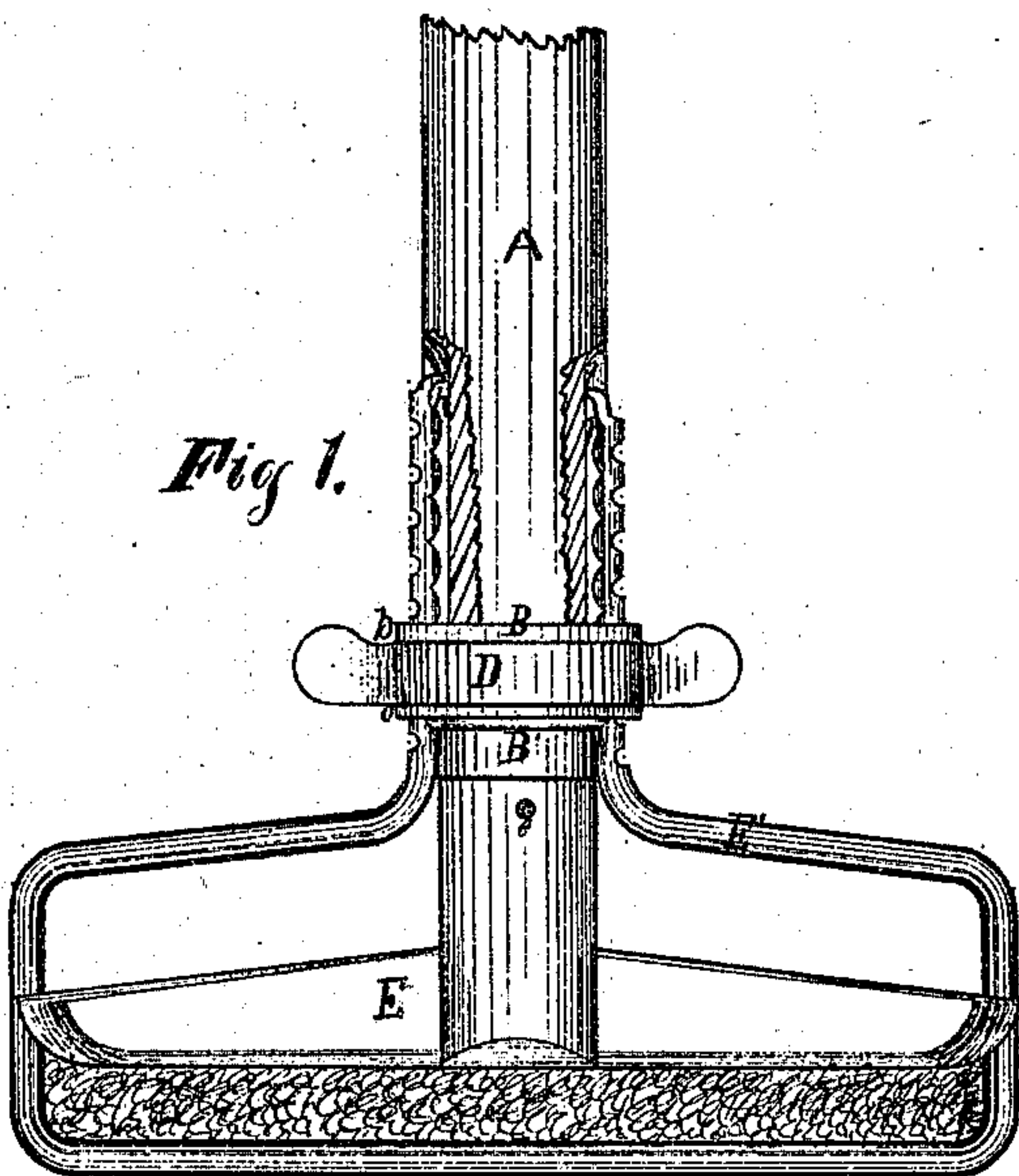
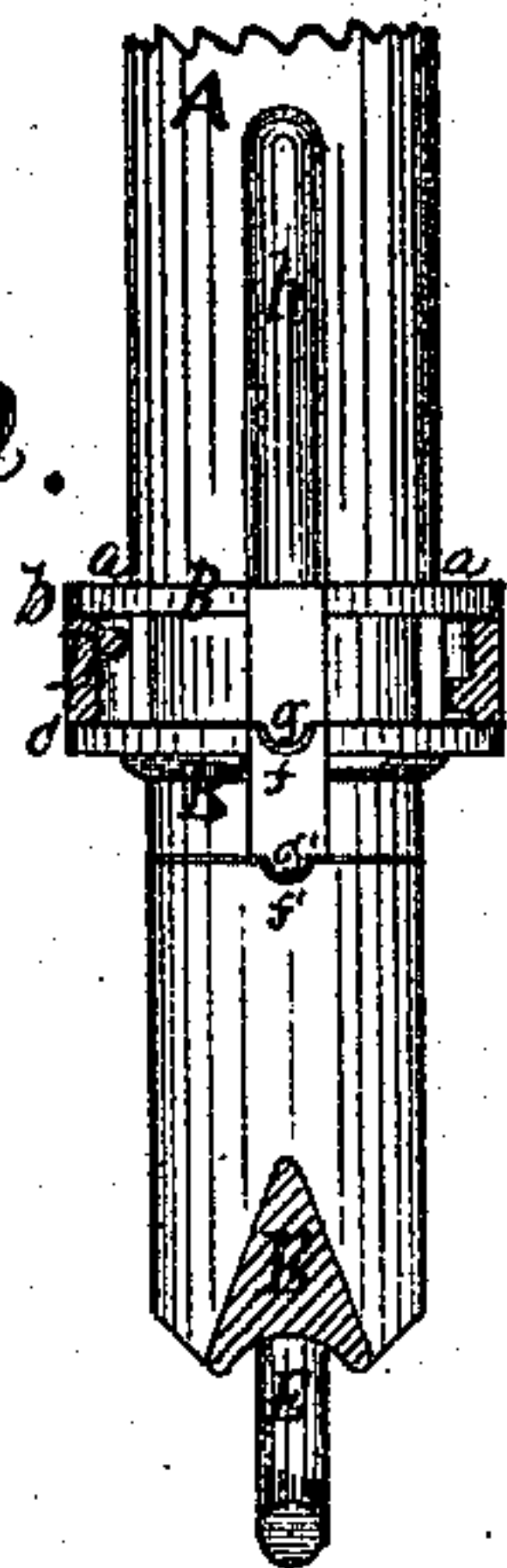


Fig 2.



*Witnesses
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United States Patent Office.

JAMES DAVIS, OF CHICAGO, ILLINOIS.

Letters Patent No. 112,556, dated March 14, 1871.

IMPROVEMENT IN MOP-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, JAMES DAVIS, of Chicago, in the county of Cook and State of Illinois, have invented a new and improved Mop-Head; and I do hereby declare the following to be 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, in which—

Figure 1 is a side elevation of my invention, and

Figure 2 is a vertical transverse section of the same taken on a line *z z*.

Similar letters of reference indicate like parts in both figures of the drawing.

My invention relates to the construction of several parts of a mop-head by which the jaws holding the fabric are adjusted.

In the drawing—

A represents the handle, the lower end of which is slightly cut away, forming a shoulder, *a*, upon and around the same, and upon said handle against the shoulder is affixed a ferrule, B, the upper portion of which extends outward, forming a flange or shoulder, *b*.

Affixed upon said handle below the ferrule B is a similar ferrule, B', which also has upon its upper end a flange or shoulder, C, and upon said ferrule B, between the shoulders *b* and C, is loosely fitted an internal screw-threaded thumb-nut, D, so arranged as to freely revolve thereon.

Attached to the lower end of the handle is the fixed jaw E, provided with a socket, into which the end of the handle is introduced and firmly secured by a pin, *e*, passing through the same.

In the upper edge of the socket or shank of the fixed jaw E and of ferrule B', on each side of the same, are curvatures *f f'*, which receive lips *g g*, extending downward from the lower edges of said ferrule

B, by which said ferrules are prevented from turning upon the handle.

E' represents the movable jaw, which is made of wire of any suitable size, and bent in the form shown in fig. 1 of the drawing. The sides of said jaw are loosely fitted within grooves in the end of the fixed jaw E, and are so arranged as to admit of a free and easy vertical movement.

The upper ends of said jaw are so arranged as to pass upward through vertical grooves or channels cut in opposite sides of ferrules B and B', and are screw-threaded on the outer side, which engages with the thread on the inner side of thumb-nut D, by which said jaw is adjusted against the fabric by the turning of said nut. I provide the sides of said handle with vertical grooves and channels *h h*, into which the ends of the jaw pass, the upper ends of the same being bent inward, thus preventing the same from catching to the fabric of the mop or other material coming in contact therewith.

Having thus described my invention,

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

1. The adjustable jaw E', screw-threaded as described, in combination with thumb-nut D and grooves or channels *h h* of the handle, substantially as and for the purpose described.

2. The ferrules B B', in combination with the jaw E, substantially as and for the purpose described.

3. The combination of the jaws E E', ferrules B B', thumb-nut D, and handle A, substantially as and for the purpose described.

The above specification of my invention signed by me this 3d day of January, A. D. 1871.

JAMES DAVIS.

Witnesses:

N. C. GRIDLEY,

N. H. SHERBURNE.