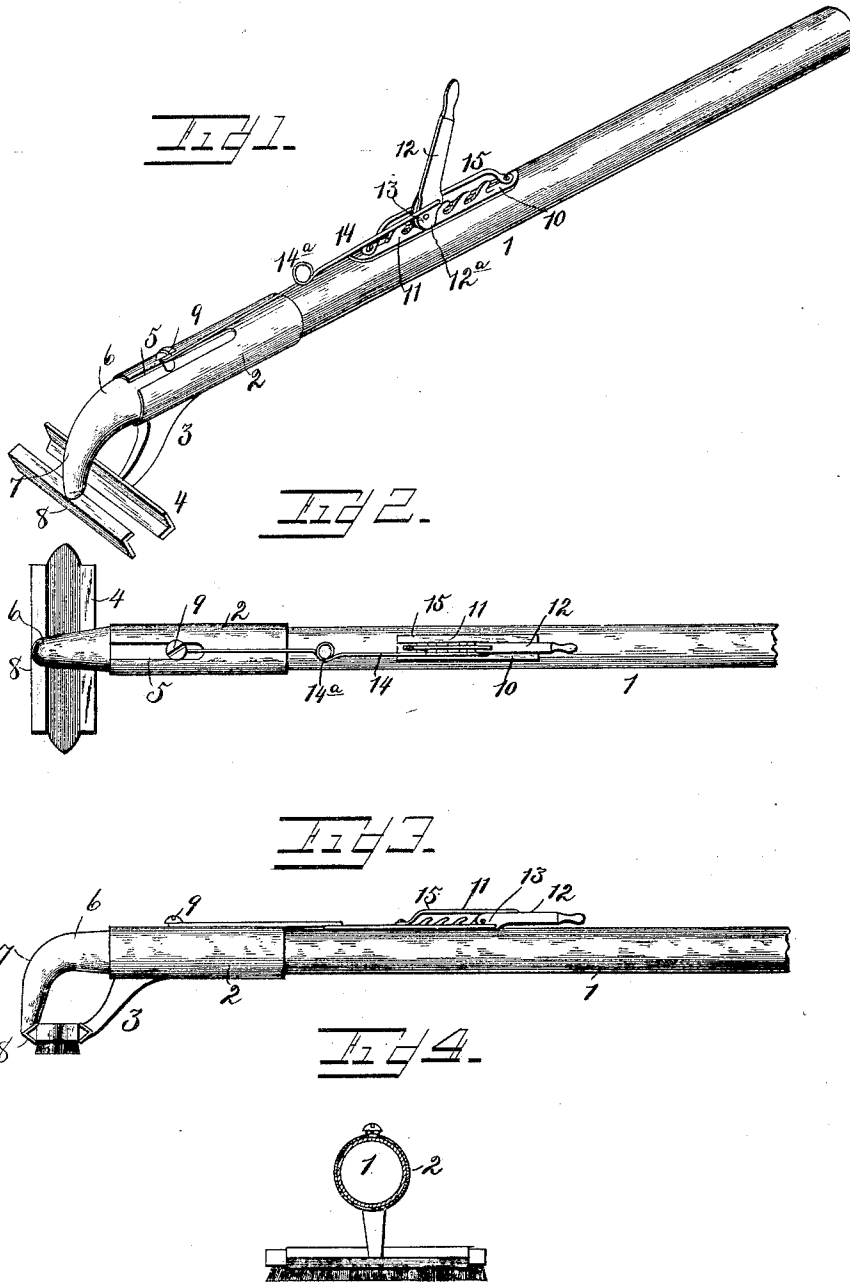


(No Model.)

E. L. BROWN.
MOP OR BRUSH HOLDER.

No. 462,619.

Patented Nov. 3, 1891.



WITNESSES:
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UNITED STATES PATENT OFFICE.

EUGENE L. BROWN, OF PUTNEYVILLE, ASSIGNOR OF ONE-HALF TO JAMES
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MOP OR BRUSH HOLDER.

SPECIFICATION forming part of Letters Patent No. 462,619, dated November 3, 1891.

Application filed May 11, 1891. Serial No. 392,364. (No model.)

To all whom it may concern:

Be it known that I, EUGENE L. BROWN, a citizen of the United States, and a resident of Putneyville, in the county of Armstrong and State of Pennsylvania, have invented certain new and useful Improvements in Mop or Brush Holders; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

My invention relates to improvements in mop or brush holders, the object being to provide a simple and economical device of this character by which a mop or brush can be securely held for washing, scrubbing, dusting, and other similar purposes, and the same be readily disengaged when desired.

The invention consists in the novel construction and combination of parts hereinafter fully described, and specifically pointed out in the claims.

In the accompanying drawings, Figure 1 is a perspective view of a mop or brush holder constructed according to my invention. Fig. 2 is a plan view of the same. Fig. 3 is a side elevation. Fig. 4 is a cross-section.

In the said drawings, the reference-numeral 1 designates an ordinary wooden handle, having a ferrule 2 secured to its lower end and projecting somewhat beyond the same. This ferrule, which consists, preferably, of a small cylinder of thin metal, is formed or provided on its under side with a downwardly-projecting arm 3, carrying a lateral V-shaped arm 4, which forms the stationary holding-jaw. The upper side of the ferrule is provided with a horizontal slot 5.

The numeral 6 designates a tube or bolt adapted to snugly fit within the ferrule, but capable of freely moving therein. Its outer end is formed into or provided with a downwardly-extending arm 7, carrying a lateral arm 8, corresponding with the arm 3 and forming the movable holding-jaw. Upon its upper side the tube or bolt is provided with a pin or stud 9, which passes through the slot in the ferrule.

Secured to the handle intermediate of its

ends is a plate 10, provided with a series of inclined rack-teeth 11, with which engages a shiftable lever 12. This lever has one end formed into a curved bifurcated head 12^a, which is provided with a transverse pin 13, which catches with the said teeth and forms the fulcrum for the lever. Connected with the lever just above and at one side of the pin 13 is a horizontal spring-wire rod 14, which extends to the stud 9 and is secured thereto. Intermediate of its ends the rod 14 is formed with a loop 14^a, forming a tension device for the same. Upon the side of the rack-plate is a rod or wire 15, which serves as a guide for the lever.

The operation of the device is as follows: By turning the lever downward in the direction of the ferrule the rod 14 will be actuated, forcing the tube or bolt outward and opening the jaws. The mop or brush is then inserted therebetween and the lever reversed, when said jaws will securely clamp and hold the same. By shifting the pin 13 from one of the rack-teeth to another the distance between the movable and stationary jaws can be varied, thus allowing different-sized articles to be clamped therebetween. By means of the loop 14^a the rod 14 is capable of yielding slightly, whereby the tension is regulated.

It will be noted that by connecting the rod 14 to the lever 12 above and at one side of the fulcrum thereof there will be no necessity for any catches or similar devices for retaining the lever in place when the jaws are clamped, as said lever will be held down upon the handle by the tension of the rod, the point of connection of the latter being below the fulcrum thereof.

In addition to holding mops and brushes for scrubbing purposes, it may also be employed for holding whitewash-brushes, cloths for dusting, sponges, and like articles.

Having thus described my invention, what I claim is—

1. In a mop or brush holder, the combination, with the handle having a ferrule at one end with a horizontal slot and provided with an arm having a clamping-jaw, of the slidable tube or bolt fitting said ferrule and provided with an arm having a clamping-jaw and a stud passing through said slot, the plate se-

cured to the handle, having a series of inclined teeth, a shiftable lever adapted to engage with said teeth, and a rod connecting said lever and stud, substantially as described.

- 5 2. As an improved article, a mop or brush holder consisting of the handle having a ferrule at one end with a horizontal slot and provided with an arm having a clamping-jaw, the
10 provided with an arm having a clamping-jaw and a stud passing through said slot, the rack-plate secured to the handle and having a series of inclined teeth, the shiftable lever having a bifurcated head and a transverse ful-

crum-pin, the guides for said lever, and the rod 15 having a loop intermediate of its ends and connected with the stud secured to the said tube or bolt and connected with the lever at one side of the fulcrum thereof, substantially as described. 20

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

EUGENE L. BROWN.

Witnesses:

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JNO. F. HUMES.