Nov. 12, 1929. N. HILL 1,735,644

BRUSH AND MOP HOLDING HANDLE

Filed Feb. 23, 1929

Fig. 1.

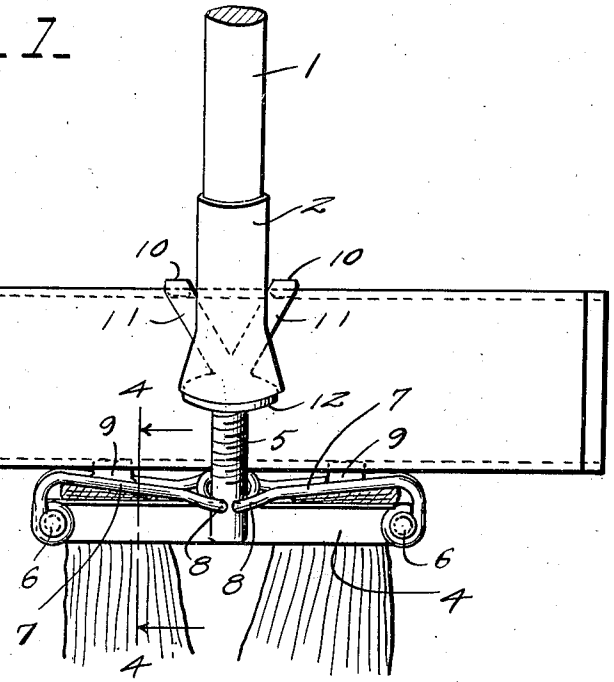


Fig. 3.

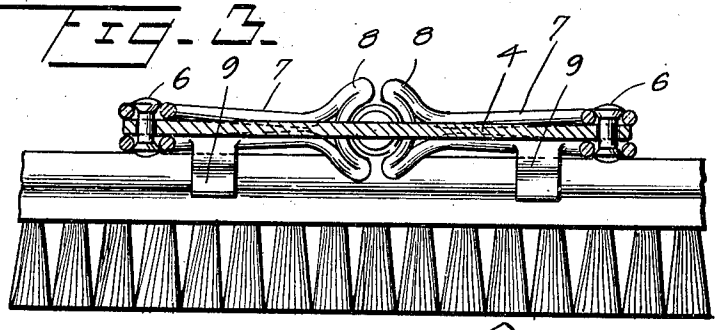


Fig. 2.

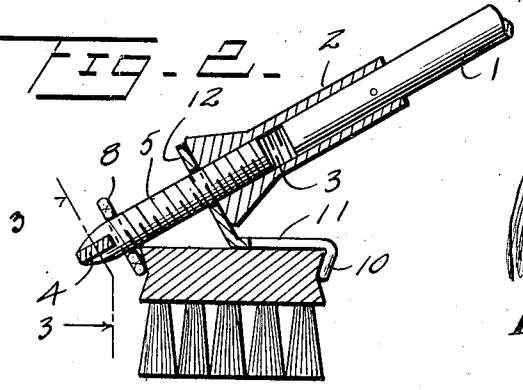
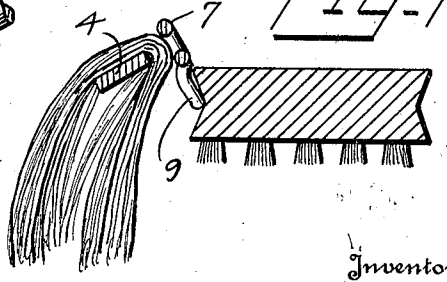


Fig. 4.



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Patented Nov. 12, 1929 1,735,644

UNITED STATES PATENT OFFICE

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BRUSH AND MOP HOLDING HANDLE

Application filed February 23, 1929. Serial No. 342,192.

This invention relates to an improved type of scrubbing brush and mop holder and has for its primary object to provide, in a manner as hereinafter set forth, a structure whereby a scrub brush and mop may be simultaneously held upon a handle, for use.

The invention broadly contemplates the provision of a handle body having at one end a clamping device designed to grip the back of a scrub brush and means forming a part of the clamping device which coacts with an adjacent part of the structure for gripping and holding a mop cloth.

Another object of the invention is to provide, in a manner as hereinafter set forth, a scrubbing brush and mop holder which may be readily adjusted to receive or release a mop or brush as desired.

The invention will be best understood from a consideration of the following detailed description taken in connection with the accompanying drawing forming a part of the present invention with the understanding, however, that the invention is not confined to any strict conformity with the showing of the drawing but may be changed or modified so long as such changes or modifications mark no material departure from the salient features of the invention as expressed in the appended claims.

In the drawing:—

Figure 1 is a plan view of the device embodying the present invention, showing the brush and mop applied thereto;

Figure 2 is a central transverse sectional view of the device with the mop removed;

Figure 3 is a sectional view taken substantially upon the line 3—3 of Figure 2;

Figure 4 is a view taken substantially upon the line 4—4 of Figure 1.

Referring to the drawing in detail, the numeral 1 indicates the handle portion of the device embodying the present invention, at the lower end of which is secured a sleeve 2, which is open at its forward end and which is provided with internal threads 3 for the purpose hereinafter set forth.

Associated with the handle is a rigid bar member 4 having projecting from one edge thereof, intermediate its ends, the screw shaft 5, which is adapted to be threadably received in the sleeve 2 in the manner shown.

Each end of the bar 4 has pivotally attached thereto, as indicated at 6, a mop holding arm 7. The arms 7 are formed to swing inwardly over that edge of the bar 4 from which the screw 5 projects and at its free end, each of these arms is bifurcated as indicated at 8 to partially receive the screw 5.

Each of the arms 7 carries intermediate its ends a jaw member 9, which coacts with a pair of jaws 10, each carried by an arm 11 extending from a collar 12 through which the screw 5 passes and against which the forward end of the sleeve 2 presses when the device is carrying a scrub brush.

When a brush is secured to the carrier member the sleeve 2 is unthreaded from the screw 1 sufficiently to permit the introduction of the back of the brush into position between the jaws 10 carried by the arms 11 and the jaws 9. If a mop rag is to be attached also to the handle, it is placed between the arms 7 and the bar 4 previous to the positioning of the brush back between the jaws described. With the mop rag and brush back in position the handle and sleeve 1 and 2, are rotated to draw the screw into the sleeve, this action bringing the jaws 9 together to grip opposite edges of the brush and at the same time compressing the arms 7 against the bar 4 to secure the mop rag thereagainst.

From the foregoing description it will be readily seen that with a device of this character a mop and brush may be clamped at one operation upon the handle, or either alone may be used and either may be readily placed in, or removed from position, as desired.

Having thus described my invention, what I claim is:—

1. A device of the character described, comprising a handle, a shaft alined with the handle and adjustable relative thereto, a brush engaging jaw carried by the shaft normally adjacent the handle end, a brush engaging jaw carried by the shaft remote from the handle and movable with the shaft relative to the first jaw, and means associated with the second mentioned jaw for gripping a mop body.

2. A brush holder, comprising a handle, a

threaded shaft, means carried by the handle at one end for threadedly receiving said shaft in alinement therewith, a bar member carried transversely of the shaft at a point remote from the handle, a brush engaging jaw supported by the shaft adjacent the handle, and spaced jaws carried by said bar member adjacent the ends thereof for coaction with the first jaw.

3. A brush and mop holder, comprising a handle, a shaft, means for connecting said shaft in longitudinal adjustment to the handle, jaw members loosely carried upon said shaft, a bar extending transversely of the shaft and carried thereby remote from the handle, arms each pivotally secured at one end to said bar and extending longitudinally of the inner edge thereof, and jaw members carried by said arms for engagement with one side of a brush body.

4. A scrub brush and mop carrying handle, comprising a handle member, having an interiorly threaded sleeve on the forward end, a bar, a screw carried by the bar for threaded engagement in the sleeve, a ring surrounding the screw adjacent the forward end of the sleeve, jaw members carried by said ring, mop gripping arms carried by the bar and normally arranged substantially parallel therewith, and jaws carried by the arms for engagement with a brush back in cooperation with the first mentioned jaws.

In testimony whereof I hereunto affix my signature.

NIKOLAI HILL.