June 10, 1958 A. W. LINDBERG, JR 2,838,346

BRUSH HOLDER

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FIG. 1

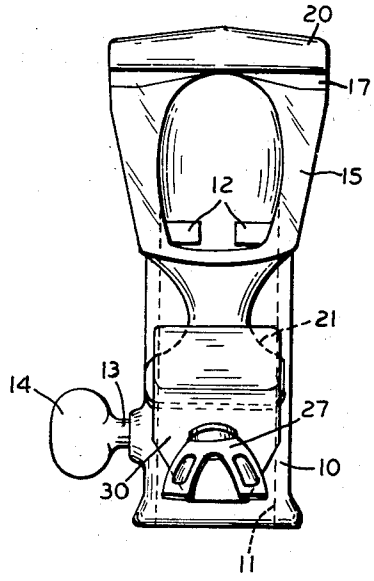
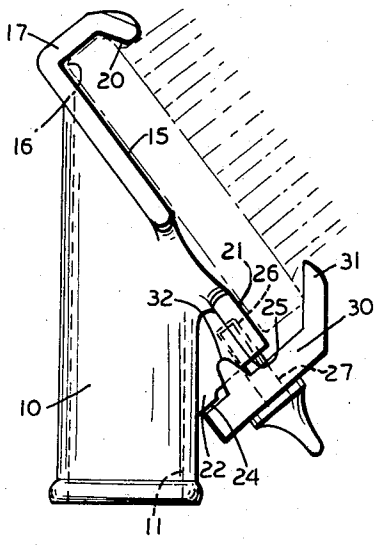


FIG. 2



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BRUSH HOLDER

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1 Claim. (Cl. 306—1)

This invention relates to improvements in brush holders and relates more particularly to a novel brush supporting fixture for use in washing windows and other surfaces and has for its principal object the provision of a light-weight bracket which can be readily mounted at the outer end of an elongated handle and wherein improved means are provided for detachably mounting the brush at a convenient angle.

A further object of the invention is to provide a fixture for rigidly supporting the backing portion of a brushing element and for releasing the brush after the work has been completed.

In the drawing:

Fig. 1 is a front elevation of the brush supporting fixture of the present invention.

Fig. 2 is a side elevation thereof.

The brush supporting bracket of the present invention embodies a two-part clamping arrangement and includes a socket portion **10** having an upwardly extending bore **11** provided at its upper end with inwardly extending stops **12** (Fig. 1) limiting upward travel of a handle (not shown) which may be of any desired length. The handle may be secured within the socket by means of a set screw **13** having a flat head **14** for manipulation between the thumb and forefinger.

Adjacent its upper end the bracket is formed with a flat, diagonally disposed seat **15** which receives the backing portion **16** of the brush (not shown), the upper end of the base terminating in said seat. At the upper end of the seat a right angular portion **17** is formed and having a flange **20** which engages the upper edge of the brush. A lower co-planar extension of seat **15** is shown at **21** and a web **22** is formed between the seat and the socket which has a lower diagonal face **24** at right angles to seat portion **21**. Above diagonal face **24** the web and the lower end of seat **21** is cut away as shown at **25**. The web has an inwardly extending threaded aperture **26**

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which receives a wing-head stud **27** which secures a clamping plate **30** in place. This clamping plate has a flange **31** similar to flange **20** and a pair of spaced lugs **32** which stride the web and prevent relative rotation of the clamping plate.

The brush is thus clamped in place in the manner shown and if the width of the brush back is less than the usual size a tight clamping action can nevertheless be effected since the cut away portion **25** of the web and lower seat **21** enables the clamping plate to tilt in a counterclockwise direction when viewed as in Fig. 2 and firmly secure the brush in place.

The brush holder of the present invention may be cast from metal or may be molded from plastic or other material.

While there have been described herein what are at present considered preferred embodiments of the invention, it will be obvious to those skilled in the art that many modifications and changes may be made therein without departing from the essence of the invention. It is therefore to be understood that the exemplary embodiments are illustrative and not restrictive of the invention, the scope of which is defined in the appended claim, and that all modifications that come within the meaning and range of equivalency of the claim are intended to be included therein.

What I claim is:

A brush holder comprising a socket with an upwardly extending bore to receive a handle and provided with a set screw to secure the handle in place, and a seat to receive the back of the brush and which extends diagonally of the socket, said seat being provided with a flanged portion at its upper end which engages one longitudinal edge of the brush back, a web extending between the socket and the lower end of the seat and having a threaded hole extending inwardly from the lower face of the web generally parallel with the face of the seat, and a headed screw received in said hole, the lower end of the seat and the adjoining portion of said lower face being cut away, and a clamping plate secured by means of said screw to said lower face of the web and provided with a flange to engage the opposite longitudinal edge of the brush back, a pair of upwardly extending lugs carried by the clamping plate which stride the web and retain the plate against rotation.

References Cited in the file of this patent

UNITED STATES PATENTS

1,428,281	Eagan	Sept. 5, 1922
1,477,685	Bostwick	Dec. 18, 1923
2,146,996	Smalley	Feb. 14, 1939