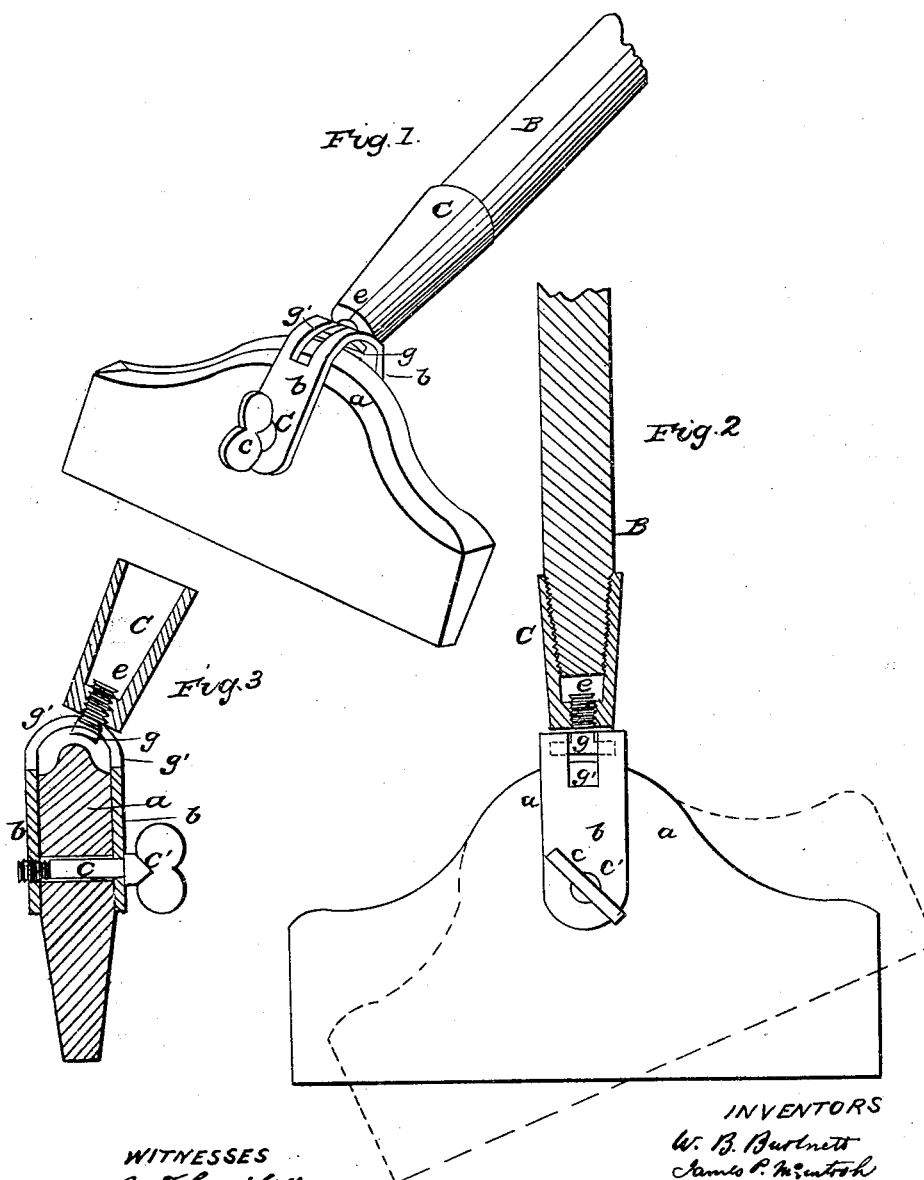


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Device for Attaching Handles to White Wash Brushes.

No. 50,449.

Patented Oct. 17, 1865.



WITNESSES
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UNITED STATES PATENT OFFICE.

W. B. BURTNETT, OF NEW YORK, AND JAMES P. McINTOSH, OF HIGHLAND MILLS, N. Y.

DEVICE FOR ATTACHING HANDLES TO WHITEWASH-BRUSHES.

Specification forming part of Letters Patent No. 50,449, dated October 17, 1865.

To all whom it may concern:

Be it known that we, W. B. BURTNETT, of the city and county of New York, State of New York, and JAMES P. McINTOSH, of Highland Mills, Orange county, State of New York, have invented a new and useful Mode of Attaching Handles to Whitewash-Brushes; and we do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a perspective view, showing the improved mode of attaching the handle of a brush to its stock. Fig. 2 is a front view of the brush-stock and adjustable strap, and a sectional view through the handle thereof. Fig. 3 is a transverse sectional view through the brush-stock and ferrule for the handle.

Similar letters of reference indicate corresponding parts in the three figures.

This invention consists in providing for adjusting the brush at any angle which is oblique to the line of the handle by means of a pivoted clamping-strap, to which the handle of the brush may be attached in any suitable manner, as will be hereinafter described.

To enable others skilled in the art to understand our invention, we will describe its construction and operation.

The drawings represent our invention applied to the stock of a common whitewash-brush, the upper edge or back, *a*, of which is rounded, as shown clearly in Figs. 1 and 2, for the purpose of admitting of the required adjustments of a clamping-strap, *b*. This strap *b* is bent in the form of the letter *U*, so as to embrace the back of the brush-stock, to which its ends are pivoted by means of a clamping-screw, *c*, as shown in Fig. 3.

The clamp-screw has a thumb-button on one end and a male screw on the other end. It also has an enlarged shoulder, *c'*, formed on it near its button. The stem of this screw passes loosely through one end of the strap *b* and through the brush-stock *a*, and its end is tapped into the opposite end of the strap *b*, so that by tightening the screw the strap will be drawn tightly and secured rigidly to the brush-stock, and by loosening the screw the strap will be allowed to move about its pivot.

The handle *B* of the brush has a metal ferrule suitably secured on one end, as shown in the drawings, and this ferrule *C* has a female

screw-socket in one end for receiving a male screw, *e*, which is formed on a slide, *g*, that works in a slot, *g'*, in the head of the strap *b*. The screw *e* is passed from the inside of the strap *b* outward, and the ferrule receives it, as shown in Figs. 2 and 3, so that by screwing the end of the ferrule tightly against the strap a rigid connection of the handle with the brush-stock is effected.

By unscrewing the ferrule partially the brush-stock can be adjusted and fixed at any desired angle at right angles to the plane of the brush, limited only by the length of the slot *g'*.

We do not confine our invention to the mode herein described, and represented in the drawings, for attaching the handle of a whitewash-brush to the adjustable strap, as various attachments can be employed. For instance, a number of screw-sockets may be tapped through the strap *b* instead of the slot *g'*, and a male screw formed on the end of the ferrule, which will enter one or the other of these sockets, according to the angle at which it is desired to have the brush.

The great advantage of the pivoted strap *b* is, that we are enabled to dispense with the necessity of adjusting the handle of the brush in two directions upon the strap, as described in our former specifications under our patents.

It will be seen that the application of our invention to a brush-stock involves the necessity of a slight change in the form of these stocks, our stocks being constructed with a rounded central projection from their backs for supporting the straps *b* and allowing these straps to be set at different angles with respect to the lengths of said stocks.

Having thus described our invention, what we claim as new, and desire to secure by Letters Patent, is—

1. The combination of a pivoted adjustable strap, *b*, which is adapted for receiving the brush-handle, with a brush-stock, substantially as described.

2. The combination of an adjustable strap, *b*, having an adjustable handle applied to it, with a brush-stock, substantially as described.

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