

A. J. HINDS.
Clamp for Securing Brush-Handles.

No. 218,743.

Patented Aug. 19, 1879.

Fig. 1.

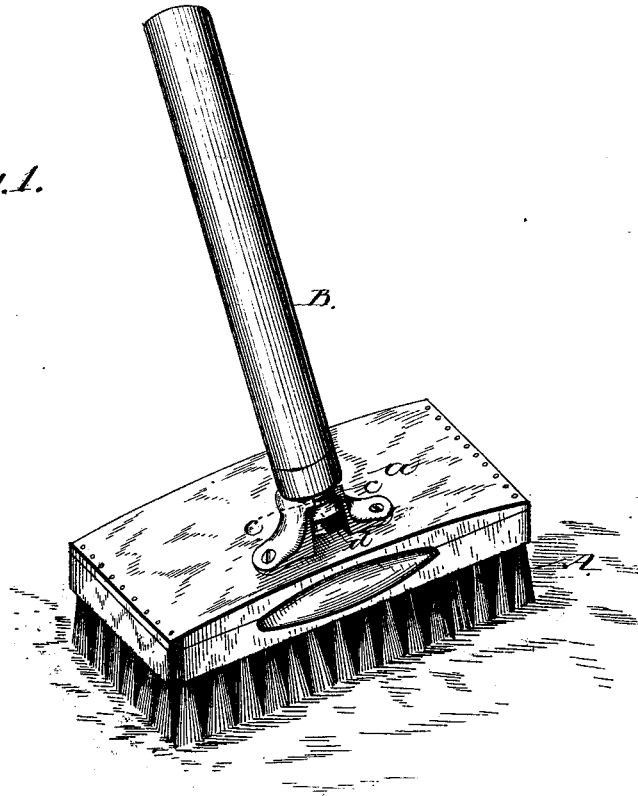
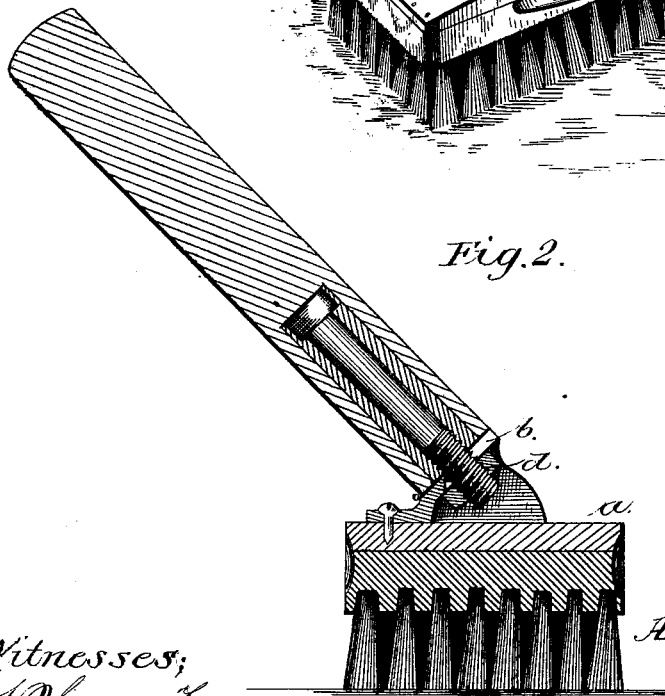


Fig. 2.



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UNITED STATES PATENT OFFICE.

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IMPROVEMENT IN CLAMPS FOR SECURING BRUSH-HANDLES.

Specification forming part of Letters Patent No. **218,743**, dated August 19, 1879; application filed June 19, 1879.

To all whom it may concern:

Be it known that I, AARON J. HINDS, of Boston, Massachusetts, have invented a new and Improved Clamp for Securing Brush-Handles, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 represents a brush with my improvements attached. Fig. 2 shows the parts detached from the brush.

My invention relates to a detachable handle for brushes; and the object of my invention is to so construct the parts that the handle may be instantly detached from a brush and as quickly adjusted to another as rigidly and securely as though screwed in in the ordinary way, thus enabling one to change the handle from a worn-out to a new one, or from one kind of a brush to another—as, for instance, from a scrubbing-brush to a window-brush; or one may use the brush without the handle when found convenient; and my invention consists in a bifurcated plate attached to the back of the brush, and provided with an inclined slotted recess for the reception of a square-headed screw, which is in the end of the handle, and preventing the screw-head from turning while being drawn up to the handle.

To enable others skilled in the art to make and use my invention, I will proceed to describe the exact manner in which I have carried it out.

In the drawings, A represents a brush, to which is attached a bifurcated plate, *a*, provided with an inclined slotted projection, *b*, and flange *c*, as shown in the drawings. In the end of handle B is a screw provided with a square nut, *d*. When the handle is to be attached to a brush the screw with the nut on the end is passed into the inclined slot in plate *a*, the nut fitting snugly into the recess under the flange *c*. It is only necessary then to give the handle a turn to the right to draw the handle and nut close against the flange and secure the handle rigidly in place; and, again, by turning the handle to the left it can be readily removed and attached to another brush provided with a similar plate, *a*.

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

1. In combination with a brush, the bifurcated plate *a*, provided with the slotted projection *b* and flange *c*, substantially as and for the purpose set forth.

2. The bifurcated plate *a*, having the slotted projection *b* and flange *c*, in combination with the brush A and handle B, provided with the screw and nut *d*, substantially as and for the purpose set forth.

AARON J. HINDS.

Attest:

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