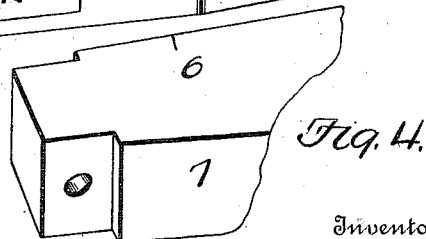
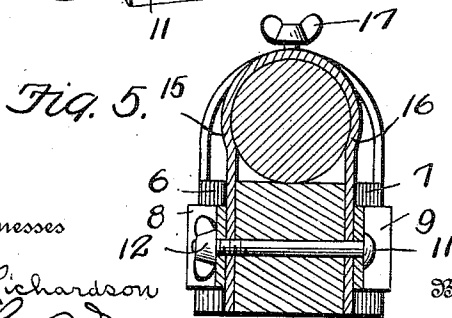
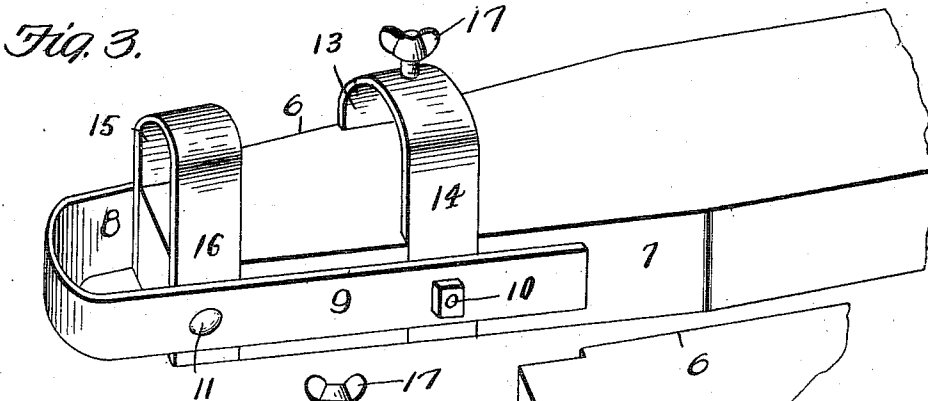
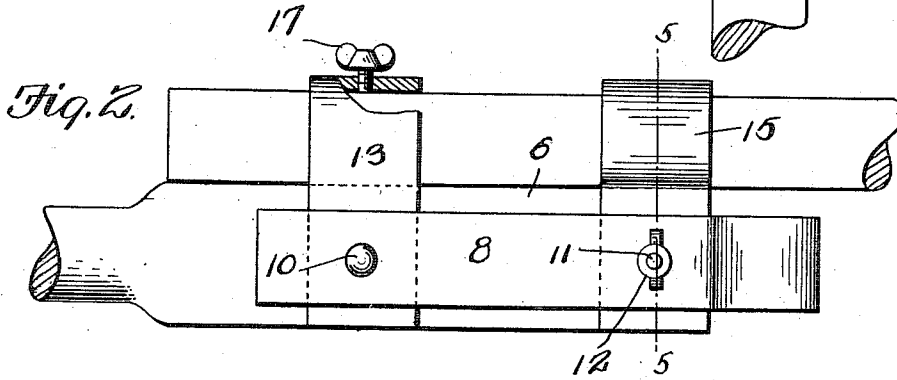
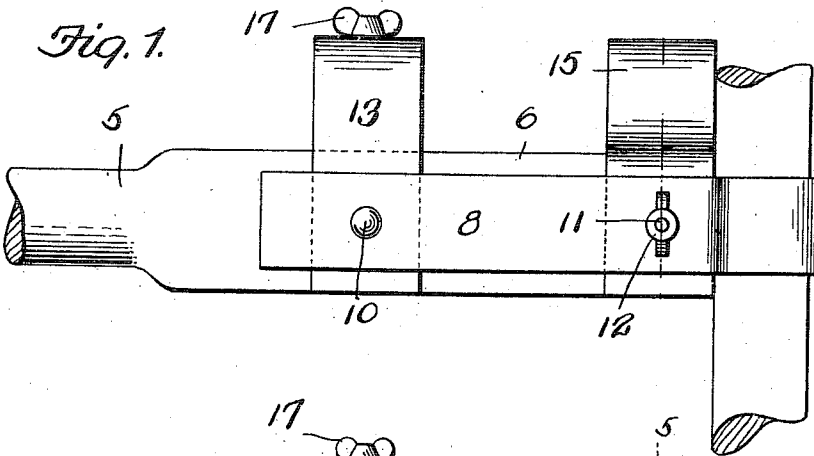


W. P. PATRICK.
ATTACHMENT FOR HANDLES.
APPLICATION FILED APR. 23, 1910.

983,082.

Patented Jan. 31, 1911.



Witnesses

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WILLIAM P. PATRICK, OF ENTERPRISE, MISSISSIPPI.

ATTACHMENT FOR HANDLES.

983,082.

Specification of Letters Patent.

Patented Jan. 31, 1911.

Application filed April 23, 1910. Serial No. 557,171.

To all whom it may concern:

Be it known that I, WILLIAM P. PATRICK, a citizen of the United States, residing at Enterprise, in the county of Clarke and State of Mississippi, have invented new and useful Improvements in Attachments for Handles, of which the following is a specification.

This invention relates to handle attachments and more particularly to the type employed with broom handles.

One object of the invention is the provision of an attachment provided with means enabling it to be secured at right angles to the handle of a broom, whereby the broom may be employed as a scrubber.

Another object is the provision of an attachment provided with means enabling it to be secured parallel with the broom handle, whereby an extension is provided for the broom handle when it is desired to clean walls, ceilings and the like.

With these and other objects in view, which will more fully hereinafter appear, the present invention consists in certain novel details of construction and arrangement of parts, hereinafter fully described, illustrated in the accompanying drawings, and more particularly pointed out in the appended claims; it being understood that various changes in the form, proportion, size, and minor details of the device may be made, within the scope of the appended claims, without departing from the spirit or sacrificing any of the advantages of the invention.

In the accompanying drawings, forming a part of the specification;—Figure 1 is a side elevation of the device showing its application to a broom handle when it is desired to use the broom as a scrubber. Fig. 2 is a similar view showing its application to a broom handle to form an extension handle when it is desired to clean a wall or ceiling. Fig. 3 is a detail perspective of the device showing the position of the parts when the broom handle is removed therefrom. Fig. 4 is a detail perspective of one end portion of the stick. Fig. 5 is a transverse sectional end view of the device on the line 5—5 of Fig. 2.

Similar numerals of reference are employed to designate corresponding parts throughout.

The device is shown to include in its con-

struction what will subsequently be termed a stick designated by the numeral 5. This member may be of any convenient length and at one end portion is rectangular in cross section with the opposite sides thereof converging, as shown at 6 and 7.

What will subsequently be termed a holder is preferably formed of a single piece of resilient sheet metal bent into a U-shape and the opposite limbs of which are designated by the numerals 8 and 9. The limbs 8 and 9 of the holder are arranged on the converging sides 6 and 7 of the stick, the medial portion of the holder extending in advance of the narrowed end of the stick and presenting an opening of a size to nicely receive a broom handle or the like. The holder is secured to the stick by means of a bolt 10 passing through the stick and the end portions of the limbs 8 and 9, and passing through the stick and located adjacent to the narrowed end thereof is a screw 11, said screw also passing through the limbs 8 and 9 of the holder and having on its threaded shank a winged nut 12. With this construction it will be manifest when the winged nut 12 is turned in one direction it will cooperate with the head of the screw to clamp the limbs of the holder on the converging sides 6 and 7, whereby the opening presented by the extending medial portion of the holder will be contracted, so that a broom handle passed through the opening will be secured against displacement. It will be evident with this construction and when the broom handle is secured at right angles to the stick that the broom may be used as a scrubber.

By reference now to the drawings it will be seen that what will subsequently be termed a fixed yoke has its opposite limbs 13 and 14 provided with openings for the reception of the bolt 10. The medial portion of the yoke overlies and is spaced from one face of the stick, the opening thus presented being of a size to loosely receive an ordinary broom handle. What will subsequently be termed a resilient yoke is arranged adjacent to the narrowed end of the stick having its opposite limbs 15 and 16 provided with openings for the loose reception of the screw 11. The space between the limbs 15 and 16 will be considerably greater than the distance between the converging sides 6 and 7, so that when the winged nut 12 is turned in one direction it will operate

to clamp the limbs 15 and 16 to the converging sides 6 and 7, whereby the opening presented by the resilient yoke will be contracted. When it is understood that the distance between the converging sides 6 and 7 will be considerably less than the diameter of an ordinary broom handle, it will be evident when the sides of the resilient yoke are clamped to the converging sides that a broom handle passed through the opening presented by the resilient yoke will be firmly clamped between the limbs of said yoke. In order to further prevent the broom handle from movement when clamped by the resilient yoke, a set screw 17 is threaded through an opening formed in the medial portion of the stationary yoke, the threaded end of said screw when turned to bind on the broom handle passed between the sides of the fixed yoke, cooperating with the resilient yoke to positively prevent movement of said handle.

From the foregoing, it is evident that I have provided a device which is comparatively simple in structure and inexpensive in manufacture, embodying few parts and these so arranged that the danger of derangement will be reduced to a minimum.

I claim:—

1. A handle attachment for brooms comprising a stick, a flexible U-shaped holder straddling the stick and having its medial portion extending over the said stick, and means for clamping the limbs of the holder to opposite sides of the stick to contract the opening presented by the extending por-

tion of the holder, for the purposes described.

2. A handle attachment for brooms comprising a stick, a fixed yoke member arched over one side of the stick, a resilient yoke member arched over the same side of the stick as the fixed yoke member, the said yoke members presenting alining openings for the reception of a broom handle, means for clamping the opposite limbs of the resilient yoke member to opposite sides of the stick, and means for clamping a handle in the opening presented by the fixed yoke member.

3. A handle attachment for brooms comprising a stick having converging sides, a fixed yoke member arched over one face of the stick and having its opposite limbs secured to the converging sides, a resilient yoke member arched over the same face of the stick as the fixed yoke member, the said yoke members presenting alining openings for the reception of a broom handle, means carried by the stick for clamping the sides of the resilient yoke member to the converging sides of the stick, and a set screw threaded through the medial portion of the fixed yoke member, for the purposes described.

In testimony whereof I affix my signature in presence of two witnesses.

WILLIAM P. PATRICK.

Witnesses:

SAMUEL H. ANDREWS,
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