Sept. 17, 1929. W. WELLINGTON 1,728,845

COMBINATION BRUSH AND MOP HOLDER

Filed Sept. 13, 1928

FIG. 1.

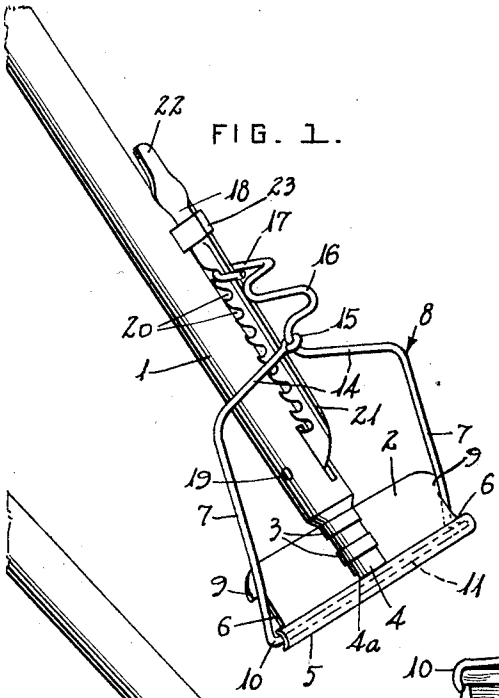


FIG. 3.

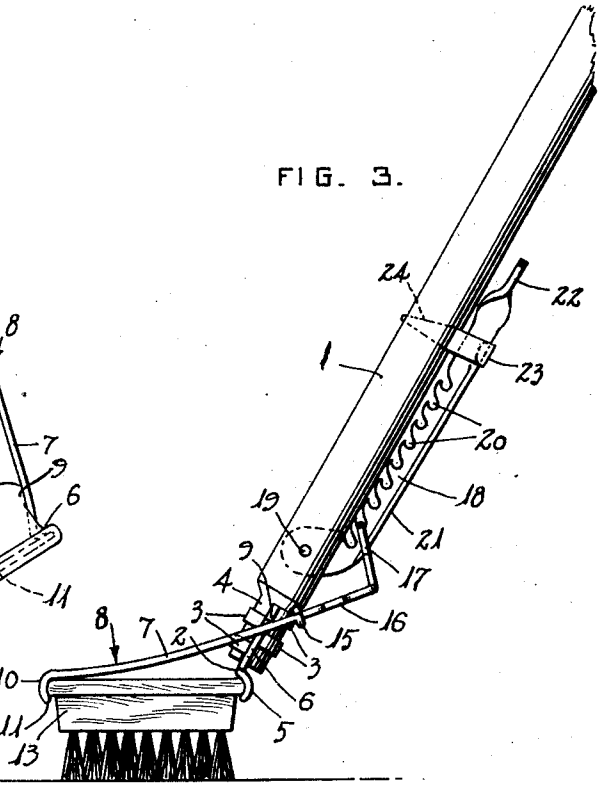
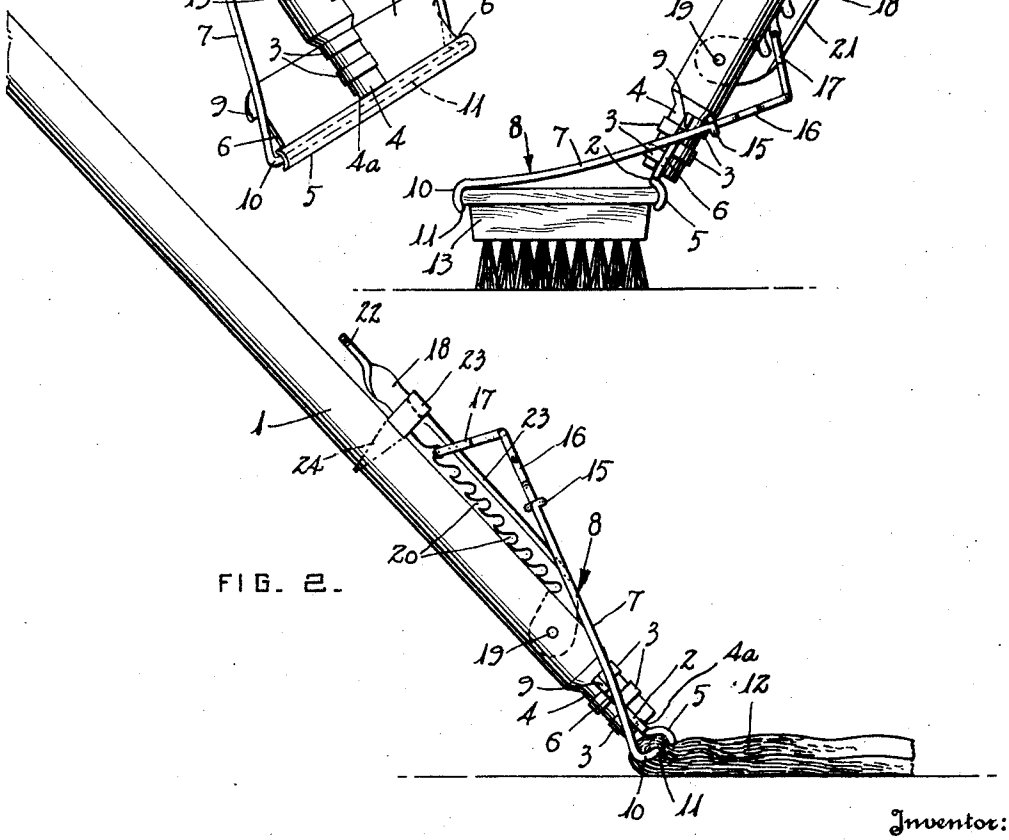


FIG. 2.



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UNITED STATES PATENT OFFICE

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COMBINATION BRUSH AND MOP HOLDER

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The present invention relates to scrubbing brush and mop holders, and aims to provide a novel and improved combination holder for either a scrubbing brush or a mop.

Another object of the invention is to provide a combination brush and mop holder having improved features of construction in order to render the device efficient and convenient in use and to provide for advantages and benefits over prior devices of this kind.

With the foregoing and other objects in view, which will be apparent as the description proceeds, the invention resides in the construction and arrangement of parts, as hereinafter described and claimed, it being understood that changes can be made within the scope of what is claimed, without departing from the spirit of the invention.

The invention is illustrated in the accompanying drawing, wherein—

Figure 1 is a perspective view of the holder.

Fig. 2 is a side elevation thereof with a mop applied thereto.

Fig. 3 is a side elevation of the device with a scrubbing brush applied thereto.

The holder comprises a handle 1 of wood, metal or other suitable material, and a sheet metal plate 2 having the straps or portions 3 pressed therefrom toward opposite sides and forming a socket to receive the reduced lower terminal 4 of the handle. The lower end of the handle has a diametrical notch or slot 4^a engaging the plate 2 to prevent the handle 1 from turning in the socket or the plate 2 from turning on the handle.

The plate 2 is provided with recesses 6 at its opposite side edges through which are slidable the side members 7 of a wire yoke, and the plate 2 has the abutments 9 against which the members 7 are adapted to seat.

The lower ends of the members 7 are bent to form hooks 10 and are connected by a cross member 11 cooperable with the lower edge portion 5 of the plate 2 which is bent parallel with said edge to form a curved jaw, the member 11 providing a complementing jaw for gripping a mop 12 of flexible absorbent material, as seen in Fig. 2.

The jaw 5 and hooks 10 are adapted to grip and clamp a scrubbing brush 13, as seen in Fig. 3.

The wire yoke 8 is made of suitable resilient wire, and has the portions 14 converging from the upper ends of the members 7, with one terminal of the wire bent around the opposite portion 14, as at 15.

The yoke 8 has the zig-zag or elastic spring portion 16 beyond the portions 14 and terminating in a loop or hook 17 loosely embracing a lever 18.

The lever 18 is conveniently made of sheet metal and has its lower end pivoted, as at 19, within a slot of the handle 1 near the lower end of the handle. The lever has a series of ratchet notches 20 along its inner edge to receive the loop 17. The outer edge of the lever is formed with a flange 21 in order to stiffen the lever, and the upper end portion of the lever is twisted at right angles to form a handle 22. A hook 23 is carried by the handle for the engagement of the lever to hold the lever adjacent to the handle. The hook 23 has a tapered shank or tank 24 engaging through the handle and clinched therein.

By swinging the lever 18 toward the handle 1 and springing the lever toward one side it is disengaged from the hook or catch 23, and the lever may then be swung downwardly away from the handle, to release the yoke 8. This permits the yoke to be slid outwardly for placing either a mop or a brush between the jaws 5 and 11.

A mop 12 may be placed around the jaw 11, with the loop 17 engaged in a notch near the free or upper terminal of the lever 18, and then by swinging the lever 18 against the handle and engaging the lever under the hook 23, the mop 12 is clamped between the jaws 5 and 11, as seen in Fig. 2.

When a scrubbing brush is to be applied to the holder, the loop 17 is engaged with a notch 20 near the pivot 19, so that when the lever is swung against the handle and engaged with the hook 23, the back of the brush will be tightly clamped and held between the jaw 5 and hooks 10, as seen in Fig. 3.

The members or arms 17 contact with the shoulders 19, and the spring portion 16 of the yoke is adapted to expand or stretch when

the lever 18 is moved against the handle, in order to apply the desired pressure between the jaws to clamp either the mop or the brush therebetween.

The holder will accommodate mops and brushes of different sizes, and the resilient portion 16 of the yoke permits of sufficient resilient action to enable the mop or brush to be tightly held between the jaws. The device may be inexpensively manufactured, the parts 2, 18 and 23 being readily fashioned from sheet metal, while the yoke 8 may be readily bent from wire.

Having thus described the invention, what is claimed as new is:—

1. A holder of the character described comprising a handle, a plate attached to the lower end of the handle at right angles thereto, a lever pivoted to the handle and having a series of notches, said plate having end recesses, and a yoke slidable through said recesses and having a loop to engage any one of said notches, said yoke and plate having cooperating jaws and the yoke having an elastic portion between said loop and its jaw.

2. A holder of the character described comprising a handle, a plate attached to the lower end of the handle at right angles thereto and having a jaw, abutments and recesses between said jaw and abutments, a lever pivoted to said handle and having a series of notches, and a wire yoke having side members slidable in said recesses, a jaw connecting said members and co-operable with the aforesaid jaw, portions converging from said side members and secured together, a zig-zag resilient portion beyond said converging portions, and a loop beyond said zig-zag portion to engage any one of said notches.

3. A holder of the character described comprising a handle, a plate attached to the lower end of the handle at right angles thereto, a lever having one end pivoted within said handle and having a handle at its other end and a series of notches along its inner edge, a catch carried by the handle for the engagement of the lever, said plate having end recesses, and a yoke slidable through said recesses and having a loop loosely embracing the lever to engage any one of said notches, said plate and yoke having cooperating jaws.

In testimony whereof I hereunto affix my signature.

WARREN WELLINGTON.