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MOLDING MOP

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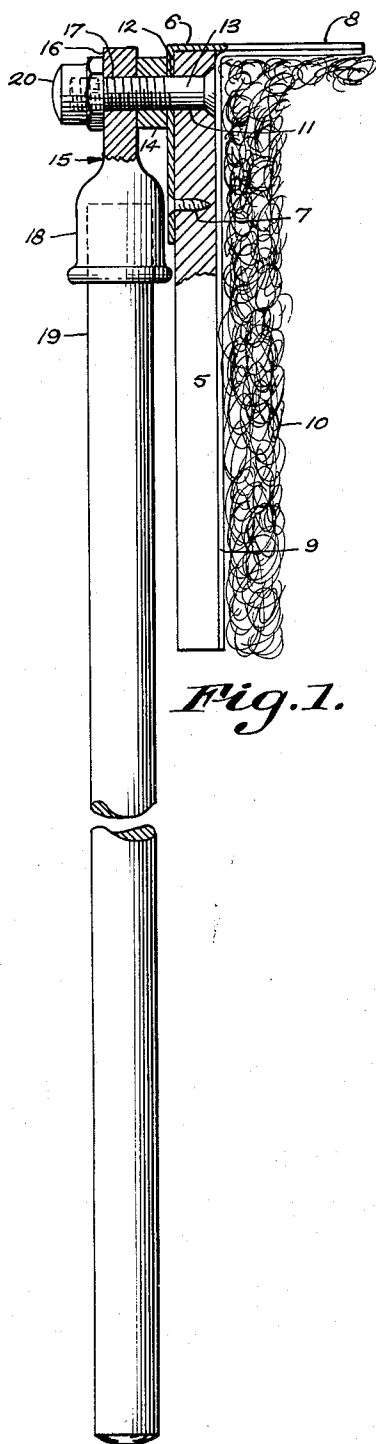


Fig. 1.

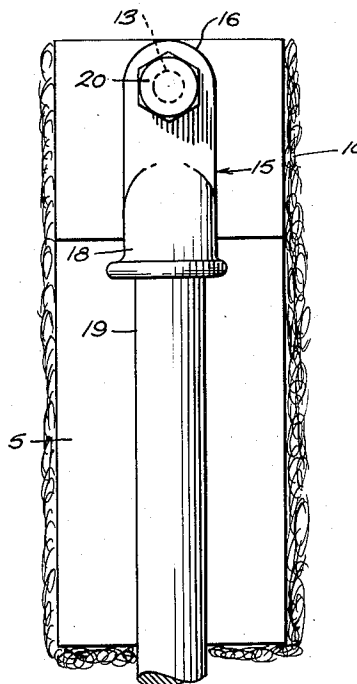


Fig. 2.

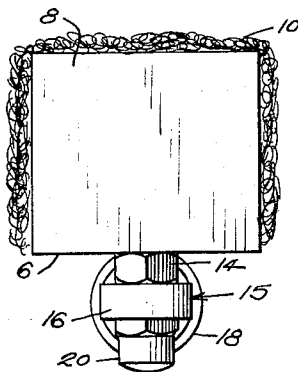


Fig. 3.

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MOLDING MOP

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1 Claim. (Cl. 15—210)

1

This invention relates to cleaning devices, and more particularly, has reference to a device of this character in which a cleaning mop is swingably mounted upon a handle, the parts being novelly formed and arranged so as to adapt the device particularly for cleaning high door and window moldings, and the like.

It is well known that the horizontal surfaces of door and window moldings, as well as the tops of doors and windows, accumulate much dust and dirt, and by reason of their being positioned near the ceiling of a room, these surfaces are relatively inaccessible to the house wife. As a result, not only are these moldings usually permitted to accumulate dust to an undesirable extent, but also, at such times as it is desired to clean them, considerable danger of bodily injury is incurred, by reason of the necessity of standing on chairs or the like for the purpose of reaching the molding. If an ordinary dust mop or the like is used, not only does this usually mark or soil the wall, by reason of its large and unwieldy cleaning portion, but also, it is difficult to manipulate with any assurance of effectively cleaning the molding.

The primary purpose of the invention is to provide a device wherein all these difficulties will be overcome, without the requirement of incurring danger or in fact of exerting oneself to any appreciable extent.

It is a further important object of the invention to provide a device which will meet the purposes stated above, and which yet is not in the category of an expensive cleaning device, the cleaner being adapted for manufacture at a minimum of expense, and with a minimum of materials, so as to be capable of production and distribution at low cost.

With the foregoing and other objects in view which will appear as the description proceeds, the invention consists of certain novel details of construction and combinations of parts, hereinafter more fully described and pointed out in the claim, it being understood that changes may be made in the construction and arrangement of parts without departing from the spirit of the invention as claimed.

Referring to the drawing

Figure 1 is a side elevational view of a cleaner constructed in accordance with the invention, portions being shown in section for the purpose of revealing details of construction, a portion of the handle being broken away.

Figure 2 is a rear elevational view, a portion of the handle being broken away.

Figure 3 is a top plan view.

2

Referring to the drawing in detail, 5 is a block that is preferably flat, and may be of any conformation desired, the rectangular conformation illustrated being merely the preferred embodiment thereof.

To one end of the block an angle plate 6 is secured by means of a screw 7 or the like, this having a leg 8 that projects laterally from one face of the block a distance, substantially equal to the width of the ordinary door or window molding.

To the angularly disposed inner faces of the leg 8 of plate 6, and of block 5, is secured, adhesively or by any other suitable means, a flexible backing strip 9, carrying the mop portion 10, the mop portion 10 being of any desired material, such as felt, cotton padding, or the like. Preferably, the padding should be of sufficient thickness and softness as to conform to irregular formations in the surface to be cleaned, such as are often encountered in door and window moldings whereby to effectively clean dust from within grooves or the like formed for ornamental purposes in such surfaces.

In the manufacture of the block 5 and plate 6, transversely extending smooth-walled openings 11 and 12 are respectively formed therein adjacent their upper ends, these openings registering when the plate 6 is connected to block 5. The opening 11 is preferably counter-sunk as clearly shown in Figure 1, for the reception of pivot bolt 13, on which the block and plate, carrying mop 10, are freely rotatable.

The pivot bolt 13 projects laterally through said openings in a direction opposite the leg 8 of the plate 6, and there is threaded thereon, so as to be positioned adjacent the plate 6, a spacer nut 14. An adapter generally designated at 15 is next positioned on the projecting portion of the pivot bolt, this being formed at one end with a tongue 16 having a transverse opening 17 through which the bolt passes. Opening 17 may or may not be threaded as desired, and preferably, this opening is smooth-walled for ease in assembling the parts of the device. The other end of the adapter is formed with a socket 18, detachably engaging in any well-known manner the elongated handle 19, that is extended parallel to block 5.

For the purpose of retaining the adapter and handle upon pivot bolt 13, a cap nut 20 is threaded on the end of the bolt.

From the above, it is seen that pivot bolt 13, spacer 14, adapter 15, handle 19, and cap nut 20, are parts which when assembled, are rigid or immovable relative to each other. However, block

3

5 and the parts carried thereby constitute a movable cleaning portion for the device which is freely rotatable relative to the first-named parts. In operation, it is necessary only to raise the device by means of its handle until the leg 8 of the plate 6 overlies the surface of the molding to be cleaned. The handle can then be swung back and forth, with the rotatable mounting of the cleaning member compensating for any angularity of the handle during such swinging movement, said cleaning member remaining in full engagement for the length of the molding. Should the molding be curved, or should any other curved surface of the same general type have to be cleaned, again, the cleaning member will remain in full engagement with the molding as the handle is swung by the user. The longer face of the mop, in this connection, at the same time cleans the vertically disposed portion of the molding, as will be readily seen.

Any ornamental configuration in the molding has no effect on the cleaning properties of the device, by reason of the arrangement and formation of the mop 10.

It will be recognized that many variations may be made in design, within the spirit of the invention as claimed, the assembly of parts indicated being merely the preferred embodiment thereof.

What is claimed is:

A dust mop for moldings comprising an elongated handle, a pivot carried by said handle adja-

4

cent one end thereof and projecting laterally therefrom, an elongated block pivotally supported adjacent one end on the pivot for movement in an arcuate path adjacent one side of the handle, that portion of the block extending below said pivot overbalancing that portion of the block which extends above the pivot, a plate secured to said block at the end thereof adjacent the pivot and extending laterally therefrom away from the handle, the plate and block defining an L-shaped support for a cleaning member, and an L-shaped cleaning pad secured to and overlying the plate and block on the side of the block remote from the handle.

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