

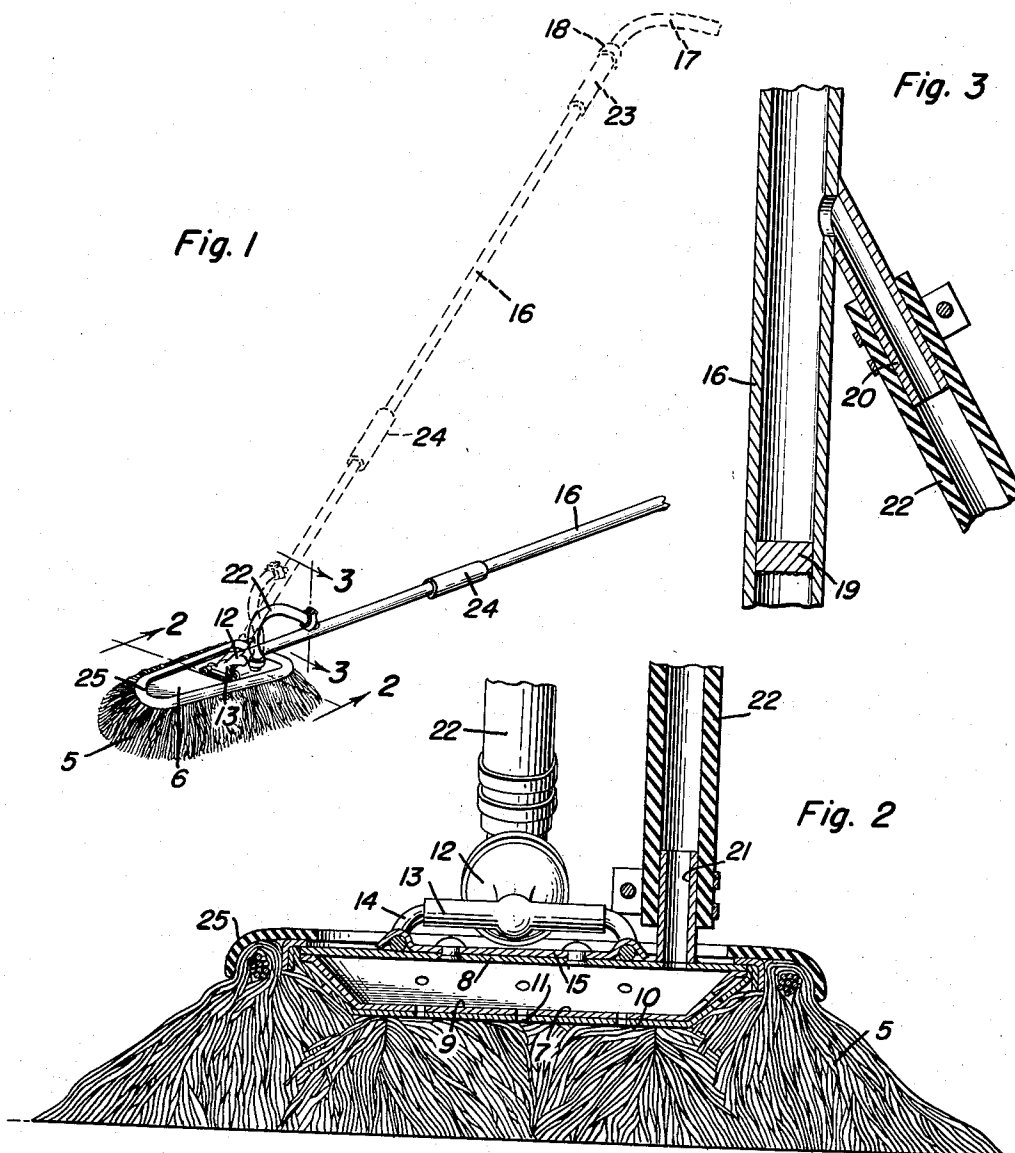
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HANDLE ATTACHED FOUNTAIN MOP

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HANDLE ATTACHED FOUNTAIN MOP

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1 Claim. (Cl. 15—128)

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The present invention relates generally to mops and more particularly to a handle attached fountain mop designed primarily for use in washing automobiles without danger of marring the finish, and for other purposes.

An important object of the invention is to provide a hollow handle adapted for attaching to a garden hose for supplying water to the mop and pivotally attaching the handle to the mop whereby the mop may be held flat against the surface while washing different parts of the car.

Another object is to provide a hollow metal spray head in the back of the mop to which the hollow handle is swingably attached and connecting the handle to the spray head by means of a substantially stiff rubber hose arranged to tensionally hold the handle parallel to the back of the mop to facilitate washing the horizontal as well as the vertical surfaces of the car, and whereby the handle pivots while washing curved surfaces to maintain the mop flatly against the surface.

A further object is to provide a device of this character of simple and practical construction, which is efficient in its use, relatively inexpensive to manufacture and otherwise well adapted for the purposes for which the same is intended.

Other objects and advantages reside in the details of construction and operation as more fully hereinafter described and claimed, reference being had to the accompanying drawings forming part hereof, wherein like numerals refer to like parts throughout, and in which:

Figure 1 is a perspective view.

Figure 2 is an enlarged transverse sectional view taken on a line 2—2 of Figure 1 and

Figure 3 is an enlarged fragmentary vertical sectional view of the handle taken on a line 3—3 of Figure 1.

Referring now to the drawing in detail, wherein for the purpose of illustration I have disclosed a preferred embodiment of my invention, the numeral 5 designates a mop swab of a conventional type and including a canvas or other suitable fabric pocket 6 at the upper central portion of the mop for receiving a hollow metal spray head 7 of flat construction.

The spray head comprises a top imperforate plate 8 and a bottom perforated plate 9 which may be soldered or otherwise suitably secured to each other at their edge portions. The bottom 10 of the pocket 6 is also perforated as shown at 11 to discharge water from the spray head to the mop swab.

A handle socket 12 is formed at its lower end

with a tubular transverse horizontal sleeve 13 rockably mounted on the transversely positioned central portion of a substantially U-shaped wire hinge bracket 14 having its end portions secured on top of the spray head 7 by an attaching plate 15 riveted or otherwise suitably secured to the spray head. A hollow handle 16, preferably of metal tubing, is secured at its lower end in socket 12 and a garden hose 17 is attached to the upper end of the handle by a hose coupling 18.

The handle 16 is closed adjacent its lower end by a plug 19 and a hose nipple 20 is connected to the front of the handle above plug 19 in a forwardly inclined position. The top of spray head 7 at one side of hinge bracket 14 is also provided with a hose nipple 21 and a substantially stiff rubber hose section 22 connects nipple 20 to nipple 21 and with the hose 22 curved forwardly in front of the handle and laterally toward one side of the handle.

The handle is also provided with upper and lower hand grips 23 and 24.

An elastic protective band 25 is stretched over the edges of the mop to aid in holding the swab 5 thereon, as well as to reduce wear at its edges and to prevent marring of the finish of the automobile while being washed.

In the operation of the device water is supplied from a suitable source to the handle 16 and then to spray head 7 from which it is discharged into the mop swab. Rubber hose section 22, by reason of its forwardly curved upper end portion, subjects handle 16 to a downward pressure to tensionally hold the handle down in a position parallel to the back of the mop, as shown by full lines in Figure 1, and the tension of hose 22 maintains the mop flat against the surface being washed while being pulled back and forth by the handle.

The handle may swing on the mop, as shown by dotted lines in Figure 1, as conditions require, and which causes a slight kinking of the lower portion of hose 22 to increase tension thereof and return the handle to its lower position when pressure thereon is released.

In view of the foregoing description taken in conjunction with the accompanying drawings it is believed that a clear understanding of the device will be quite apparent to those skilled in this art. A more detailed description is accordingly deemed unnecessary.

It is to be understood, however, that even though there is herein shown and described a preferred embodiment of the invention the same is susceptible to certain changes fully compre-

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hended by the spirit of the invention as herein described and the scope of the appended claim.

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

In a handle attached fountain mop the combination including: a substantially triangular shaped swab of generally arranged depending strands; a cloth pocket the bottom of which is perforated and to which is attached said strands; a substantially flat hollow spray head positioned in said pocket and having a perforated bottom; a shaped resilient and snappably removable band peripherally retaining said pocket in taut and unshifting contact with said spray head; a hollow handle adapted at the end remote from said spray head for connecting to a source of water; a tubular branch connection downwardly inclined from said handle; means, a part of said spray head, pivotally attaching the front end of said handle to the top of said spray head; a closure plug in said handle between said pivotal attachment and said branch connection; and a substantially stiff hose connecting said tubular

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connection to the top of said spray head and offset from said pivotal attachment to communicate fluid to said spray head and to exert downward tension against said handle to yieldably maintain said handle parallel to the back of said mop.

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