Oct. 11, 1949. R. S. CORBETT 2,484,488

WASHING DEVICE FOR VEHICLES AND OTHER OBJECTS

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Fig. 1.

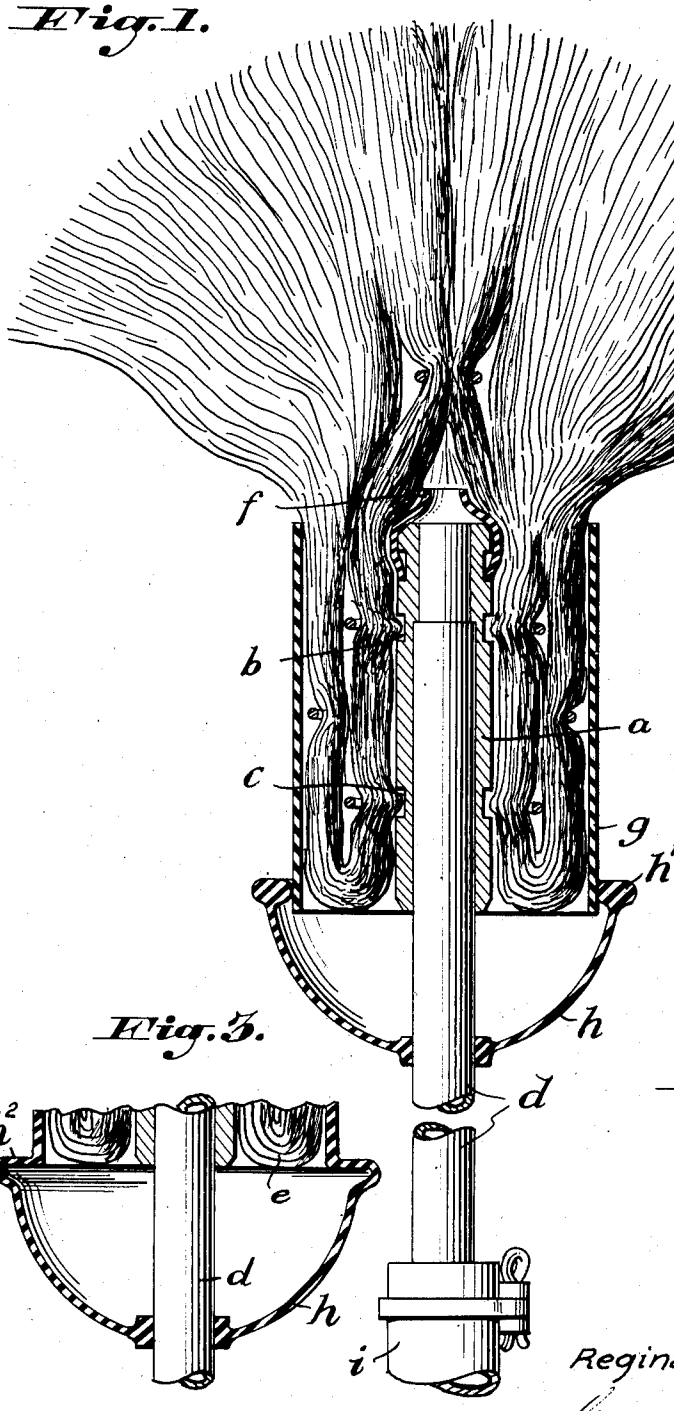
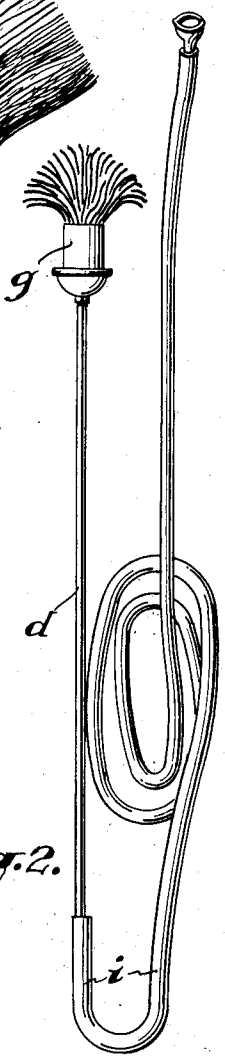


Fig. 3.

Fig. 2.



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WASHING DEVICE FOR VEHICLES AND OTHER OBJECTS

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1 Claim. (Cl. 15—128)

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This invention relates to devices for washing vehicles and other objects in which a stream of water is directed through flexible hosing, to which latter is connected a metallic tube having removably attached at one end a mop of convenient shape or design into and through which the stream of water passes for the purpose of washing a car or like vehicle or other object, and has for its principal object to provide an improved form of mop head and method of assemblage.

According to the present invention, a tubular fitting, forming the mop core, is provided upon which is secured a bundle of yarn, preferably by lashing or tieing, the core being externally grooved to facilitate the lashing or tieing, said yarn being doubled back on itself and the doubled over portion at the rear surrounded or encased by a rubber sleeve of a length approximately equal to that of the metal core which is bored to receive a metallic tube for the water supply, one end of the tube being detachably secured to the core whilst the other end is adapted for connection to a length of flexible hose by means of which the device may be coupled up to the water supply. The rear end of the sleeve is closed by a cap, which may be integral with the sleeve, having a hole therein through which said metallic tube passes, and is formed with a flange to prevent drip.

The invention will be more particularly described by the aid of the accompanying drawings in which

Figure 1 is a detailed sectional view of the improved mop head,

Figure 2 a view of the complete assembly drawn to a reduced scale, and,

Figure 3 is a fragmentary sectional view of the modified form of sleeve with the closed end formed integral therewith.

In carrying the invention into effect according to one convenient manner as illustrated, a central fitting *a* of brass or other non-corrodible metal is provided which is about three inches long and is formed with external grooves *b*, *c*. The fitting has a central bore through which the water flows and this is tapped to receive the threaded end of the tubular handle *d*. A bundle of comparatively long yarn *e*, usually about 15 inches long, is bound at the centre of its length to the fitting *a* at the rear groove *c* so as to lie evenly around the fitting, the yarn being then doubled back on itself. The inner half of the doubled yarns is bound or lashed to the fitting at one or more points along its length, such as at the front groove *b*, whilst a portion of said yarns is tied

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together over a rubber nozzle *f* secured on the end of the fitting.

Over the complete bundle of yarns at the doubled end is placed a rubber sleeve *g* of approximately the same length as the centre fitting *a*, having a closed end which may be in the form of a rubber cap *h* Fig. 2 or which may be made integral with the sleeve Fig. 3 and formed with a non-drip flange h^1 $h^{2'}$, respectively, is provided to close the sleeve and prevent water issuing laterally or rearwardly from the mop head. The cap *h* has a hole therethrough for the handle *d* with which it is a watertight fit. The outer end of the handle is adapted for connection to a length of flexible hose *i* and may be provided with means such as a moulded rubber ferrule (not shown) to prevent sudden bends at the junction.

The free end of the hose may be provided with a tap connection of suitable design.

By the aforesaid means, a heavy duty mop is provided which can be efficiently used with any pressure of water without liability to scratch the surface being cleaned or for the water to spurt out laterally or drip.

What I claim is:

A fountain mop, comprising a tubular handle adapted to be connected at one end to a water supply, a tubular core fitting having one end secured to the other end of the handle and having external grooves, a nozzle of resilient material at the free end of the core fitting, a bundle of doubled-over yarn strands arranged around the core fitting and tied thereon with the free ends extending beyond the free end of the core fitting, inner portions of the yarn being tied into the grooves in the core fitting, and some of the inner strands of yarn being tied over the resilient nozzle, a resilient sleeve surrounding the part of the yarn bundle which is tied to the core fitting and having a closed end through which the handle passes.

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