

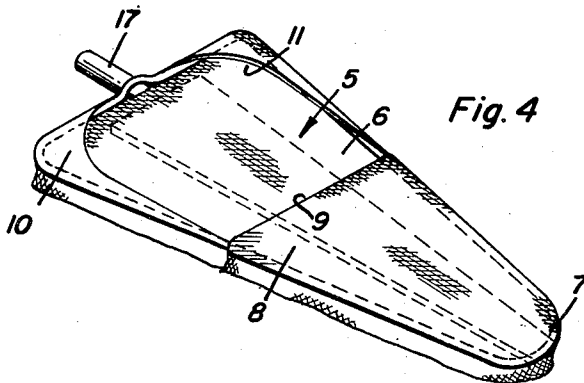
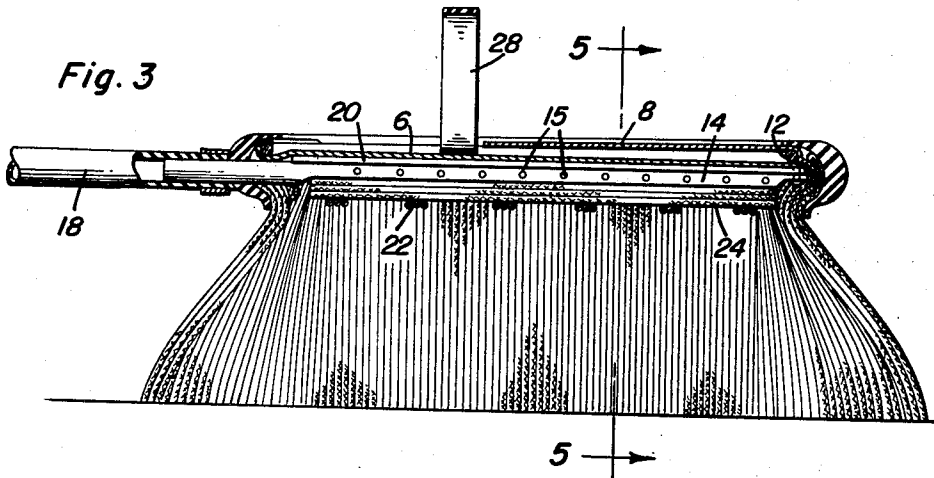
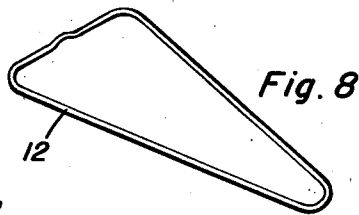
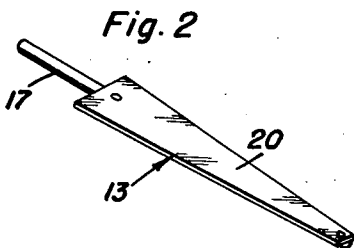
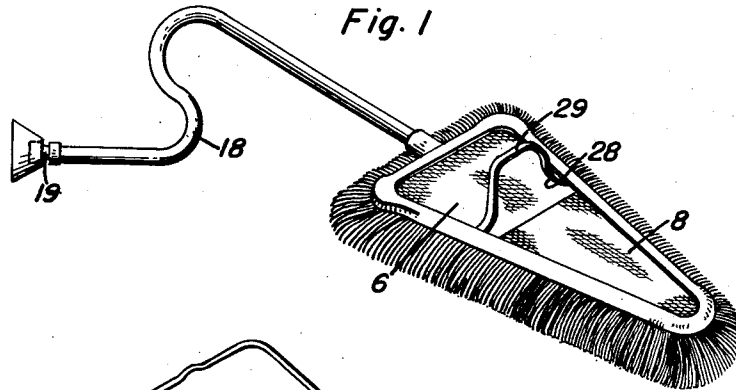
June 15, 1954

L. JONES
HAND FOUNTAIN MOP

2,680,870

Filed May 1, 1950

2 Sheets-Sheet 1



Leonard Jones
INVENTOR.

BY *Clarence A. Olson*
and Harvey B. Jackson
Attorneys

Filed May 1, 1950

HAND FOUNTAIN MOP

2 Sheets-Sheet 2

Fig. 5

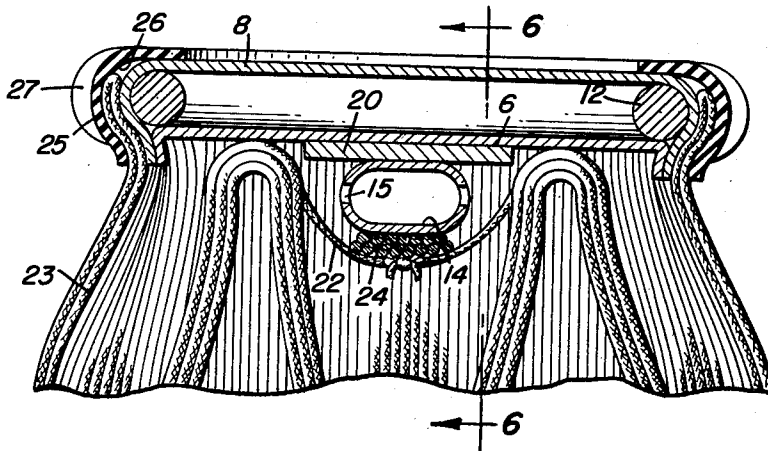


Fig. 6

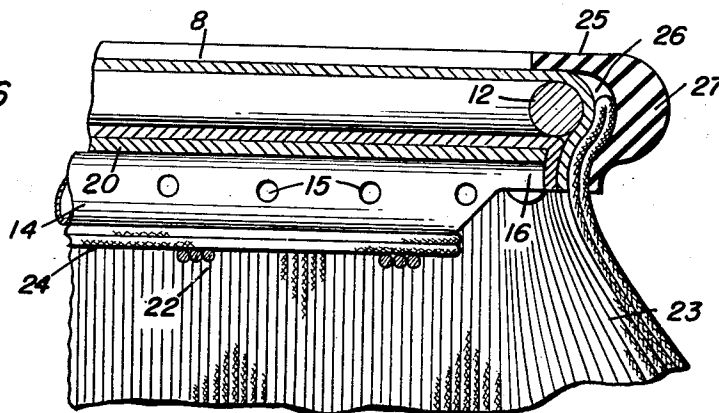
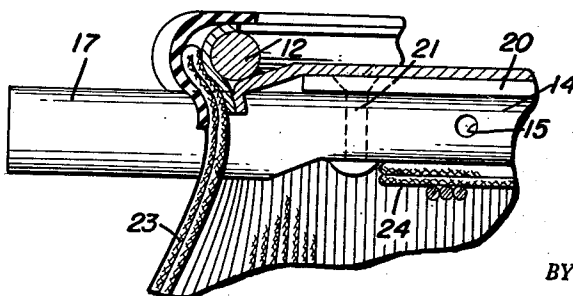


Fig. 7



Leonard Jones
INVENTOR.

BY *Alvanice A. O'Brien*
and Harvey B. Jacobson
Attorneys

UNITED STATES PATENT OFFICE

2,680,870

HAND FOUNTAIN MOP

Leonard Jones, Jackson, Miss., assignor to R. E. Warwick, Jackson, Miss.

Application May 1, 1950, Serial No. 159,282

2 Claims. (Cl. 15—128)

1

The present invention relates to new and useful improvements in mops and more particularly to a hand fountain mop designed for use in washing automobiles and for other purposes where a hand fountain mop is found useful.

Another important object of the invention is to provide a novel fountain head construction secured as a separate unit to the under side of a hand or mitten mop and tied in position by the strands of mop material.

Another important object is to provide a fountain head including a spray pipe having its discharge opening arranged to spray water toward each side of the mop and with a deflector plate overlying the spray pipe to prevent the water from being sprayed onto the top of the mop head.

Another object is to enclose the edges of a mop in a protective rubber band which not only serves to hold the mop material on the wire frame of the mop head, but also serves to protect the edges of the mop from destructive wear and to protect the surface of the automobile or other objects being washed from becoming marred and to further prevent water working over the edges of the mop onto the top thereof.

A still further object is to provide a device of this character of simple and practical construction, which is efficient in its operation, 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 a perspective view of the fountain head;

Figure 3 is a longitudinal sectional view;

Figure 4 is a perspective view of the back of the mop with the pocket formed therein and with the mop material removed;

Figure 5 is a transverse sectional view taken on a line 5—5 of Figure 3;

Figure 6 is an enlarged fragmentary sectional view taken on a line 6—6 of Figure 5;

Figure 7 is an enlarged longitudinal section view of the rear end of the mop; and,

Figure 8 is a perspective view of the wire frame.

Referring now to the drawings in detail wherein for the purpose of illustration I have disclosed a preferred embodiment of the invention the numeral 5 designates the mop head generally and

2

which comprises a canvas or other suitable fabric back 6 of substantially triangular shape having a rounded tapering front end 7.

A pocket 8 is sewed on top of the front end of the mop head 5 of material similar to the back 6 and is provided with an entrance 9 extending transversely of the mop head and substantially at the center thereof.

The rear corners of the mop head 5 are also provided with pockets 10 formed by sewing a binding of canvas or other suitable material along the rear side edges and rear edge of the mop head and the rear corners thereof and with the inner edge of the binding open as at 11 to form the pockets. A wire frame 12 is inserted in the front pocket 8 and rear corner pockets 10 to hold the edges of the mop head 5 rigid.

A fountain head is shown generally at 13 and comprises a substantially ovate spray tube 14 having flattened upper and lower surfaces and with discharge openings or perforations 15 in its opposite side edges. The front end of tube 14 is closed in a suitable manner, such as by flattening the same as shown at 16 and the rear end of the tube is round in cross section and projects rearwardly at the rear edge of the mop head 5 for attaching a rubber hose 18 thereto, the rear end of the hose 18 being provided with a hose coupling 19 for attaching to a garden hose (not shown) or other suitable source of water supply.

An elongated baffle or deflector plate 20 is secured on top of tube 14 by rivets or the like 21, the baffle plate extending longitudinally of the tube with its side edges positioned outwardly at the sides of the tube and overlying the discharge openings 15, as shown more clearly in Figure 5 of the drawings.

The fountain head 13 is secured to the under side of the mop head 5 with the baffle or deflector plate 20 positioned against the under side of the back 6 of the mop by tying strands 22 of the mop material 23 transversely under the spray pipe 14 and providing a padding 24 of other strands of the mop material under the spray tube 14 extending longitudinally thereof and also tied in place by the strands 22. The mop material 23 is sewed to the edges of the mop head 5.

The edges of the mop are enclosed in a protective rubber band or binding 25 having a channeled inner surface 26 to receive the edges of the mop and is held taut by the wire frame 12. The protective band at the corners of the mop is reinforced as at 27 and the rear end 17

3

of the spray tube passes through the band to aid in holding the band on the mop.

An endless elastic strap 28 is held in position on the sides of wire frame 12 and forms a loop 29 on top of the mop for embracing the wrist of a person while the hand is inserted in the front pocket 8.

The mop may be used for washing automobiles by attaching hose 18 to a garden hose or water supply and placing the hand in pocket 8. Water is sprayed at the sides of the underside of the mop by spray pipe 14 and baffle or deflector plate 20 prevents the water from being forced through the fabric top of the mop.

The padding of mop material 24 at the underside of spray pipe 14 prevents contact of the pipe with the surface being washed to avoid marring the finish thereof.

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 comprehended by the spirit of the invention as herein described and the scope of the appended claims.

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

1. A fountain mop comprising a flexible mop head having strands of mop material at its edges, a rigid wire frame at the edges of the mop head, a hand engaging pocket on top of the mop head, a rubber band encircling the edges of the mop head outwardly of the frame and having a channeled inner edge enclosing the upper ends of the

4

mop strands as well as the side edges of the mop head and the wire frame, a fountain head under the mop head and including a perforated pipe having one end projecting outwardly through the rubber band, and flexible ties attaching the fountain head to the mop head.

2. In a fountain hand mop the combination including: an elongated perforated ovate spray tube having an extension rearwardly from said mop; a substantially triangular flat baffle plate fixed to the top of the ovate portion of said tube and projecting outwardly from said tube to deflect water outwardly and downwardly therefrom; a mop head over said baffle and said spray tube, said mop head being provided with backing and pockets and having depending strands secured to the edges thereof and strands transversely cradling said tube in a centered position; means peripherally securing said mop head to said spray tube and having an opening there-through for the insertion of the rearward extension of said spray tube.

References Cited in the file of this patent

UNITED STATES PATENTS

Number	Name	Date
1,198,839	Hahn	Sept. 19, 1916
1,481,772	Zell	Jan. 22, 1924
1,515,484	Holstein	Nov. 11, 1924
1,613,790	Engendahl et al.	Jan. 11, 1927
1,644,903	Weiss	Oct. 11, 1927
1,731,339	Hemple	Oct. 15, 1929
1,775,235	Carlson	Sept. 9, 1930
1,834,510	Yeater	Dec. 1, 1931
1,998,278	Halsey	Apr. 16, 1935
2,269,721	Johnson	Jan. 13, 1942
2,540,510	Clausen	Feb. 6, 1951