G. PHILIP.

WINDOW WASHING APPLIANCE.

APPLICATION FILED FEB. 10, 1916.

1,212,255.

Patented Jan. 16, 1917.

Fig. 2.

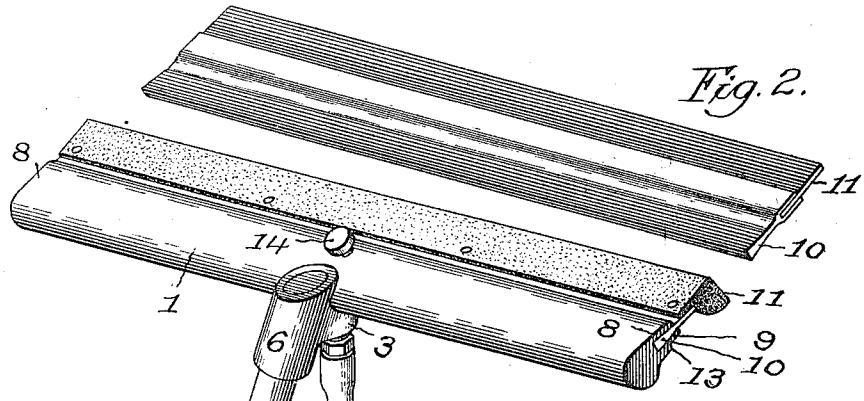


Fig. 1.

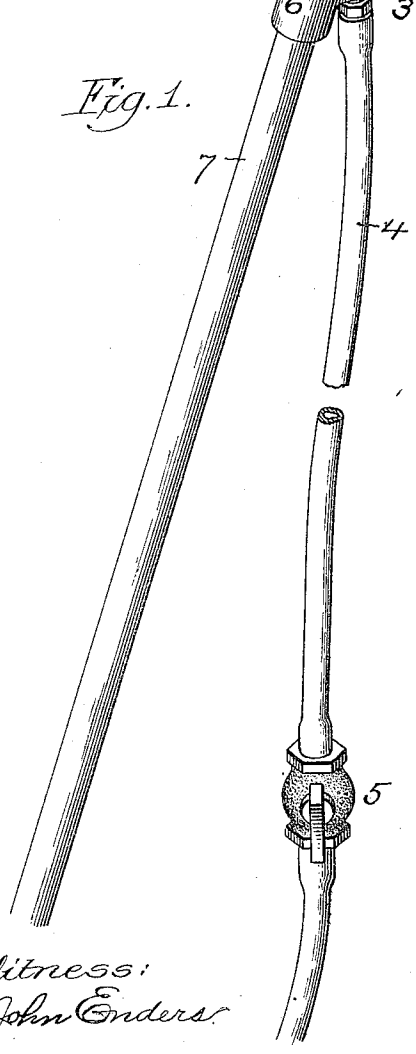
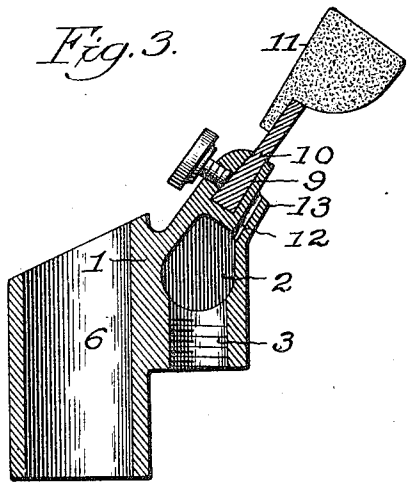


Fig. 3.



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THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

GEORGE PHILIP, OF NORTH CHICAGO, ILLINOIS.

WINDOW-WASHING APPLIANCE.

1,212,255. Specification of Letters Patent. Patented Jan. 16, 1917.

Application filed February 10, 1916. Serial No. 77,369.

To all whom it may concern:

Be it known that I, GEORGE PHILIP, a citizen of the United States of America, and a resident of North Chicago, in the county of Lake, State of Illinois, have invented certain new and useful Improvements in Window-Washing Appliances, of which the following is a specification.

This invention relates to that type of fountain window washing appliances provided with detachable squeegee blades of rubber, felt or the like. And the present improvement has for its object to provide a simple and substantial structural formation and association of parts affording a very efficient and controllable discharge of the washing fluid onto the squeegee blade in actual use, all as will hereinafter more fully appear.

In the accompanying drawings:—Figure 1, is a perspective view illustrating the general arrangement of parts in the present improvement and with a felt cleaning blade in place. Fig. 2, is a detachable perspective view of a rubber cleaning blade adapted for use in the present implement. Fig. 3, is a detail section of the structure illustrated in Fig. 1.

Similar reference numerals indicate like parts in the several views.

Referring to the drawings, 1 designates the elongated hollow stock of the structure which is in one piece and the interior chamber 2 of which extends the length of the stock.

3 designates an inlet neck formed centrally on the stock 1 and adapted for connection with a flexible supply hose 4 extending to a suitable source of fluid supply and provided with a controlling valve or cock 5, as shown.

6 designates a socket sleeve also formed centrally on the stock 1, and in immediate lateral relation to the inlet neck 3 aforesaid. Said socket sleeve receives the pole or handle 7 by which the appliance is handled by the operator.

8 designates a rib or extension extending the length of the stock 1 and formed in an inclined position with relation to the inlet neck 3 and companion socket sleeve 6 as shown more particularly in Fig. 3. In the present structure, said rib 8 is formed with a groove 9 extending the entire length of the same, and preferably of the dovetail form shown and adapted to receive the similarly formed attaching shanks 10 of the detachable squeegee or cleaning blades 11 used in connection with the appliance.

12 designates a series of discharge holes communicating at their inner ends with the chamber 2 of the stock and extending in lateral and approximately parallel relation to a side of the rib or extension 8 so as to discharge fluid along the same and upon the cleaning blade 11, and to such end the rib or extension 8 is formed with a shoulder or effect 13, in which said discharge holes terminate.

The squeegee or cleaning blades 11 above referred to may be of the flat rubber strip form illustrated in Fig. 2, or of the elongated felt block form illustrated in Figs. 1 and 3, each being made interchangeable by a counterpart formation of their attaching shanks 10.

14 designates a set-screw passing through a central portion of the rib or extension 8 aforesaid, and acting to clamp the attaching shank 10 of a cleaning blade 11 in place.

Having thus fully described my said invention, what I claim as new and desire to secure by Letters Patent, is:—

An elongated hollow stock for a window cleaning appliance constructed with an interior chamber which extends the whole length of the stock, with an inlet neck to said interior chamber, formed centrally on said stock, with a socket-sleeve also formed centrally on said stock and in immediate lateral relation to said inlet neck, with a rib extending the length of said stock and in an inclined position with relation to said inlet neck and said socket-sleeve, having a squeegee groove extending the entire length of said rib and a shoulder at the base of the rib, provided with a series of transversely arranged discharge holes communicating at their inner ends with said interior chamber and extending in lateral and approximately parallel relation to a side of said rib.

Signed at North Chicago, Illinois, this 5th day of February, 1916.

GEORGE PHILIP.

Copies of this trade-mark may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."