(No Model.)

P. SWEENEY.

WINDOW WASHER.

No. 603,414. Patented May 3, 1898.

Fig. 1.

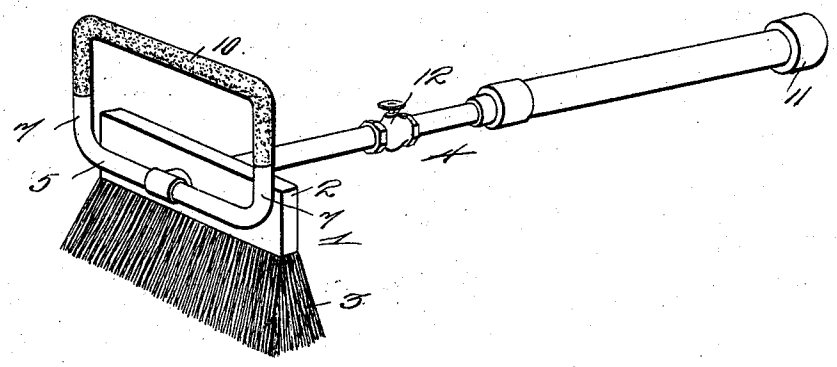


Fig. 2.

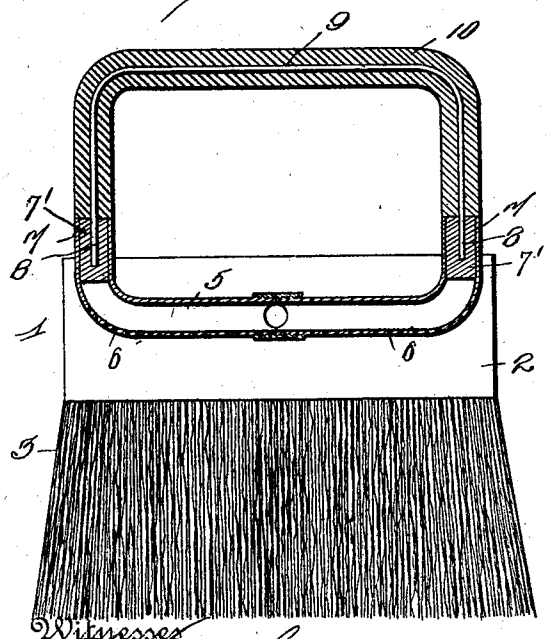
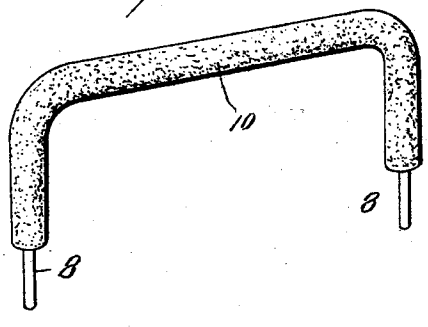


Fig. 3.



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UNITED STATES PATENT OFFICE.

PETER SWEENEY, OF TORONTO, CANADA.

WINDOW-WASHER.

SPECIFICATION forming part of Letters Patent No. 603,414, dated May 3, 1898.

Application filed August 17, 1897. Serial No. 648,532. (No model.)

To all whom it may concern:

Be it known that I, PETER SWEENEY, a citizen of Great Britain, residing at Toronto, in the Province of Ontario and Dominion of Canada, have invented certain new and useful Improvements in Window-Washers; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to a novel window-cleaner, and has for its object the production of a device of this character provided with a brush, means for wetting the brush during its movement over the surface of the window, and a device for drying the window after it has been washed and thoroughly cleansed by means of the brush.

To this end my invention consists in providing a brush with a hollow-pipe handle provided with a controlling-valve and having a hose connection at its opposite extremity and a spray-tube communicating with the hollow handle and designed to throw a spray of water upon the brush and carrying a rubber or other frictional drying rod or tube.

Referring to the drawings, Figure 1 is a perspective view of my device complete. Fig. 2 is a central longitudinal section therethrough, and Fig. 3 is a detail view of the drier.

Referring to the numerals on the drawings, 1 indicates a suitable brush, composed of a wooden or other suitable back 2 and bristles 3.

4 indicates a hollow handle, which may be made of light metal piping or the like, extending through the back of the brush and provided upon its end adjacent thereto with a transverse spray-tube 5, provided with a minute row of jet-apertures 6 in its under side, from which a spray of water is designed to be directed upon the bristles of the brush, as illustrated. The tube 6 is provided with upturned or rectangular ends 7, in which are inserted plugs 7′, which support the depending ends 8 of a spring-wire 9, around which is formed a rubber or other suitable frictional tube 10, which projects upwardly beyond the brush-back and is designed to constitute a frictional drier.

11 indicates a hose connection located at the extremity of the handle opposite the brush, and 12 indicates a suitable controlling-valve, located in said handle at any desired point, but preferably adjacent to the brush-back, as illustrated.

In use a hose communicating with a suitable source of water-supply is coupled to the coupling 11, the valve 12 is opened, and a fine spray is projected against the bristles of the brush. The window may now be cleaned by rubbing the brush over the surface of the glass, and when this operation is completed the device may be reversed and the rubber drier 10 may be manipulated in a manner well understood in the art to remove the water from the glass and cause the expeditious drying of the same.

If desired, the handle may be somewhat diminished in diameter toward the brush for the purpose of gaining more force and causing the spray to be injected under the head required to thoroughly saturate the brush-bristles without permitting a sufficient supply of water to cause dripping of surplus liquid, which will obviously be annoying to the person manipulating the device.

By the employment of the described construction I am enabled to produce a simple, durable, and efficient device by means of which a window may be cleaned with facility and may be expeditiously dried and burnished.

While the present embodiment of my invention appears at this time to be preferable, I do not desire to limit myself to the structural details set out, but reserve the right to change, modify, or vary them at will within the scope of my invention.

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

The combination with a brush of a spray-tube provided with plugs in its upturned ends, a tubular drier of frictional material, and a spring-wire extending through the drier and projecting from its opposite ends, said wire designed to be inserted in the plugs in the upturned ends of the spray-tube, substantially as specified.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

PETER SWEENEY.

Witnesses:
J. P. EASTWOOD,
J. L. CUMMINGS.