

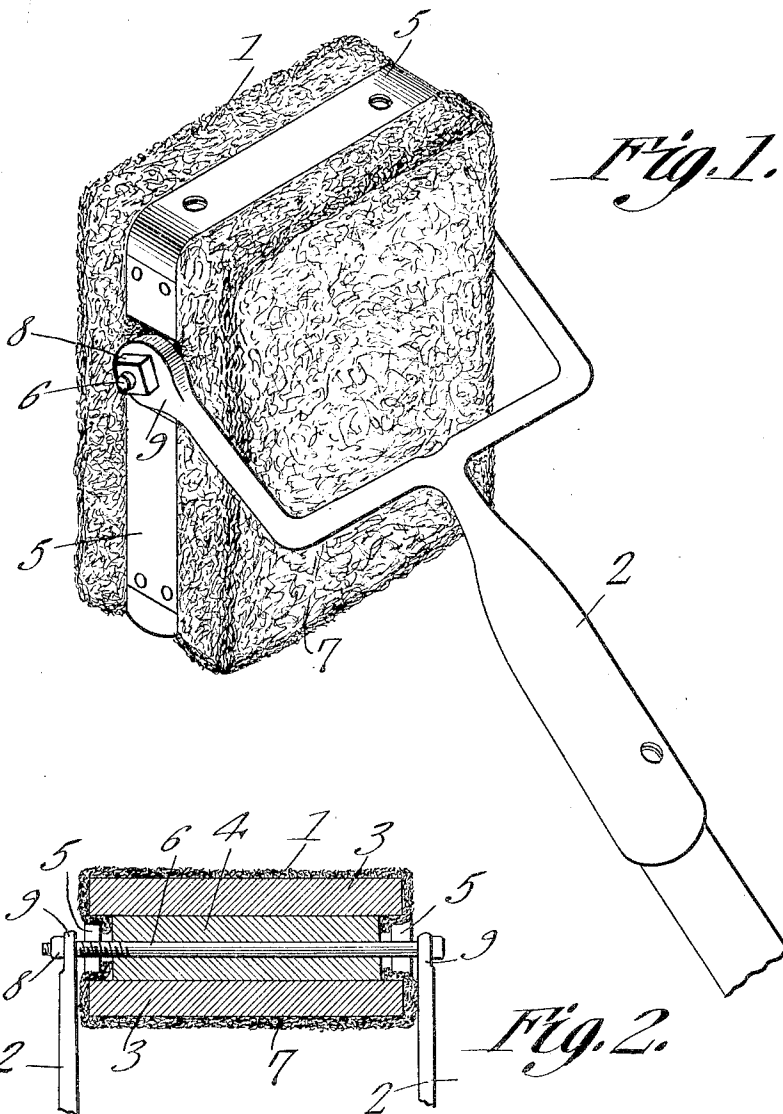
A. WENIEKE.

GLASS CLEANER.

APPLICATION FILED APR. 30, 1913.

1,084,184.

Patented Jan. 13, 1914.



Witnesses

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# UNITED STATES PATENT OFFICE.

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## GLASS-CLEANER.

1,084,184.

Specification of Letters Patent.

Patented Jan. 13, 1914.

Application filed April 30, 1913. Serial No. 764,726.

*To all whom it may concern:*

Be it known that I, ALBERT WENIEKE, a citizen of the United States, residing at Burlington, in the county of Des Moines and State of Iowa, have invented a new and useful Glass-Cleaner, of which the following is a specification.

This invention relates to improvements in household articles and more particularly to an article for the cleaning and polishing of window panes.

An object of the present invention is to provide an improved form of window cleaner in which the cleaning member is pivotally secured to the forked end of a handle, the same being pivoted above the center of gravity thereof so as to remain in a vertical position.

A further object is to provide a window cleaner including a pivotally mounted block with a cleaning cloth secured thereto and to provide a handle pivotally secured to the same so that either of the side surfaces of the cleaner may be used.

With the foregoing and other objects in view which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed, can be made within the scope of what is claimed, without departing from the spirit of the invention.

In the drawings accompanying this specification and forming a part thereof, the preferable form of my invention is illustrated, in which:—

Figure 1 is a view in perspective of my improved cleaner. Fig. 2 is a cross sectional view thereof.

Referring to the drawings in which similar reference numerals designate corresponding parts throughout the several views, 1 generally designates the head portion of the cleaner to which is pivotally secured the forked handle 2.

As illustrated in Fig. 2, the head is formed of three substantially rectangular plates the outer ones 3 being of substantially the same size whereas the central one 4 is relatively smaller so that a holding strip 5 may be secured to the central plate 4 and not extend beyond the outer peripheral edge of the upper and lower plates 3.

From the foregoing it will be apparent that the head 1 is sectional in character and extending through the central section in the shaft or axle 6 to which the forked handle 2 is pivotally secured.

The holding strips 5 which extend around the edges of the center plate 4 are adapted to secure to the head 1 a strip of smooth cloth or similar material which is adapted to contact with the glass of a window to clean and polish the same. The cloth is spoken of as the facing member 7 and it will be apparent that the exact nature of the same may be varied without departing from the spirit of my invention.

The shaft 6 which extends through the head of the cleaner is mounted a material distance above the center of gravity of the head so that the head which is adapted to freely engage the forked handle 2 will tend to remain in a vertical position so that one surface of the cleaner will be always in proper position to contact with the glass of the window for the cleaning and polishing thereof as well as for the cleaning of any plane surface. When it is desired to use the opposite surface to the one already in position for cleaning, the lower portion of the head is manually rotated and the forked handle turned about a longitudinal axis and through 180 degrees which will bring the opposite surface into position for use. The holding strips 5 are adapted to be removed without disturbing the pivotal connection between the shaft and handle and a new facing material may be inserted in place.

As illustrated in Fig. 2 of the drawing the shaft 6 is provided with one end screw threaded adapted to be engaged by a securing nut 8 which is adapted to hold the enlarged end 9 of the arms of the forked handle in position upon the shaft 6 and to prevent the accidental displacement thereof. The threaded shaft also provides easy means whereby the head may be quickly removed from the handle should the occasion so arise which would justify the same.

Having thus fully described the invention, what I claim to be new and original with me is:—

1. In a device of the class described, the combination of a handle, a head pivotally secured thereto, said head including a sectional body portion, the central section thereof of relatively less size than the remain-

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ing portions, facing material rigidly and removably secured to the sectional body portion, and a holding strip disposed between the outer sections of the said body portion and secured to the central body portion section and adapted to hold the facing material thereto.

2. In a device of the class described, the combination of a handle, a head pivotally secured thereto, the pivotal connection lying well above the center of gravity of the said head, the said head including a sectional body portion, the central section thereof of relatively less size than the remaining por-

tions, facing material rigidly and removably secured to the sectional body portion, and a holding strip equal in width to the central body portion section and secured thereto and adapted to hold the facing material to said body portion.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

ALBERT WENIEKE.

Witnesses:

S. J. BECKMAN,  
HARROLD E. KLISE.

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

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