

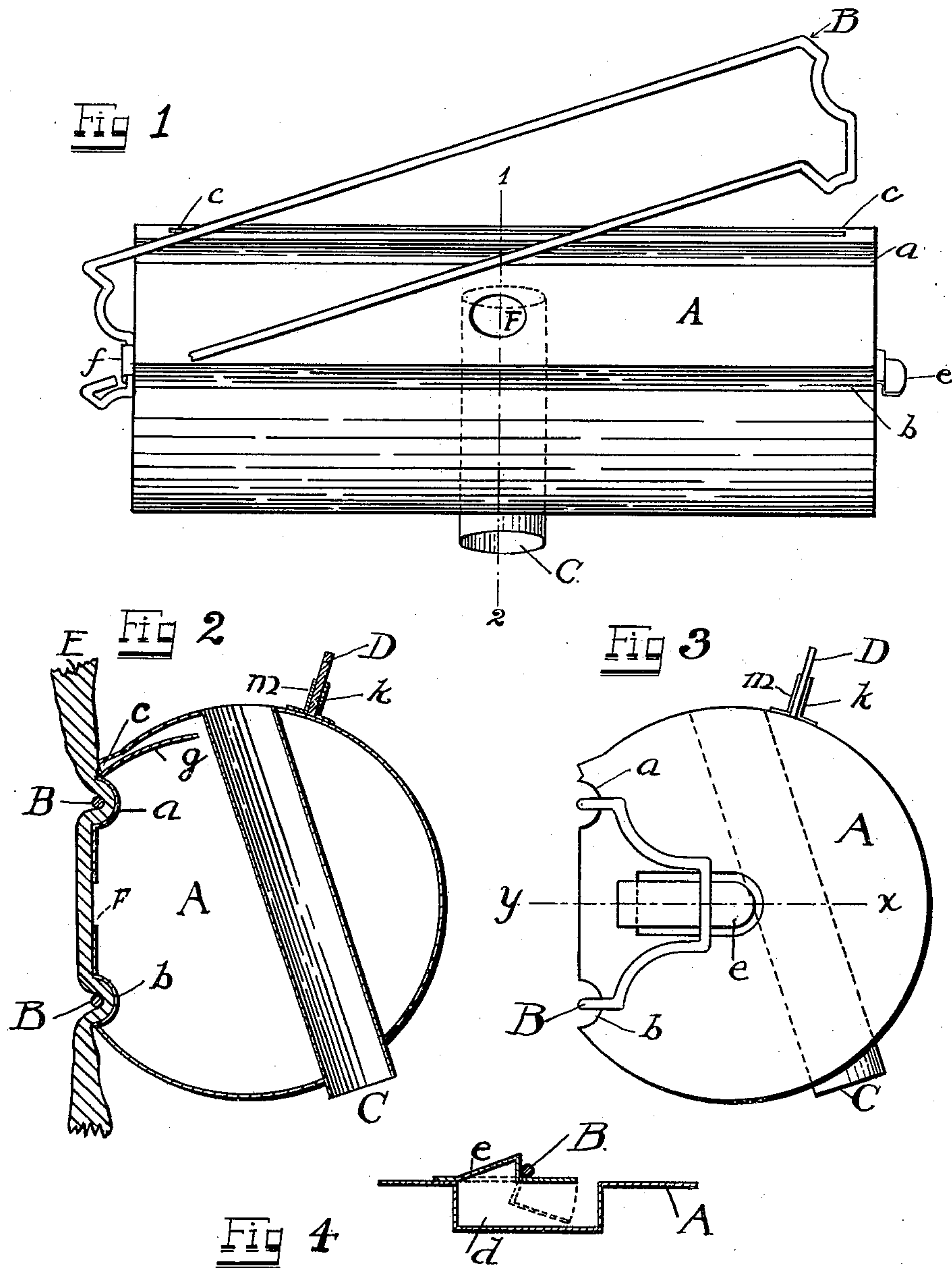
No. 607,040.

Patented July 12, 1898.

W. H. HEINZ.  
SCRUBBER.

(Application filed Sept. 29, 1897.)

(No Model.)



WITNESSES  
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# UNITED STATES PATENT OFFICE.

WILLIAM H. HEINZ, OF DAYTON, OHIO.

## SCRUBBER.

SPECIFICATION forming part of Letters Patent No. 607,040, dated July 12, 1898.

Application filed September 29, 1897. Serial No. 653,431. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM H. HEINZ, a citizen of the United States, residing at Dayton, in the county of Montgomery and State of Ohio, have invented certain new and useful Improvements in Scrubbers and Cleaners; and I do 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, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

My invention relates to a combined scrubber and cleaner, and has special reference to a fountain washer and cleaner for use in washing windows.

The object of my invention is to secure a combined tool of this class to cleanse windows and like glass surfaces rapidly and effectually and one that can be cheaply constructed, yet will be durable for the purpose. I attain these objects by the mechanism hereinafter more particularly described and claimed, reference being had to the drawings, in which—

Figure 1 represents a plain bottom view of my device with the scrubbing-pad removed and the wire frame broken to better show the hinge on one end of the reservoir. Fig. 2 represents a view in section on line 1 2 in Fig. 1; Fig. 3, the latch-end elevation of the reservoir, and Fig. 4 a view in section of the latch on line *x y* in Fig. 3.

Similar letters refer to similar parts throughout the several views.

The letter A represents a cylindrically-shaped metal reservoir of any desired length and size flattened on one side throughout its length to form its under side or scrubbing-surface.

The small letters *a* and *b* represent similarly-constructed longitudinal gutters pressed into the metal along the opposite edges of the scrubbing-surface to normally receive the wire frame B throughout the length of the reservoir. This wire frame is irregularly bent at either end to fit over the ends of the reservoir, is hinged to it, as is seen at *f*, at one end, and intended to be latched at *e* at the other end. Reservoir A along the upper edge of the gutter *a* is further provided with a longitudi-

nal slot *c*, extending near the full length of the reservoir from either end, the lower edge of the slot extending inwardly and downwardly a sufficient distance to form apron *g*, the slot sized to allow a gradual escape of the water from the reservoir and the apron to catch and conduct the agitated water through the slot to the attached scrubbing-pad in the motion of the reservoir in the hands of the operator as it empties in use.

C is an open channel through the reservoir to receive the handle to work the scrubber and cleaner.

D is the cleaner, preferably of rubber, extending longitudinally along the whole length of the reservoir opposite to the scrubber, so that in use it will not be interfered with by the scrubbing-pad, and is held and fastened to the reservoir by metal shoulders *k* and *m* on either side.

E is the scrubber-pad, preferably of some soft cloth or cotton material of proper thickness, to be laid along the scrubbing-surface of the reservoir and held thereon by wire frame B when latched to the reservoir, the wires lying in the folds of the cloth along the longitudinal gutters to keep them from coming into contact with the scrubbed surface.

F is the hole through which the reservoir is replenished with water as needed, and is located at or near a central point in the scrubbing-surface in the reservoir to also distribute the moisture from the reservoir to the scrubbing-pad by attraction equally toward either end of the pad.

The small letter *d* represents a depression in the latch end of the reservoir to allow for the motion of spring-catch *e* in latching and unlatching wire frame B.

It will be apparent that when the scrubbing-pad is attached to the reservoir the same is practically air-tight and that the cloth tissue in the scrubbing-pad material absorbs the water by attraction through slot *c* and hole F, keeping the same evenly moist, wetting the pad from its top portion down and from its central portion toward either end, the water kept in agitation by the motion of the reservoir in the hands of the operator.

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



1. In a scrubber and cleaner, the combination of a metallic reservoir having a longitudinal slot along the upper edge of the scrubbing-face, an inwardly-extending apron in the slot and reservoir, an aperture centrally located in the scrubbing-surface, the slot and aperture and scrubbing-surface to be covered by a removably-attached absorbent scrubber-pad in attractive contact with the moisture in the reservoir through the slot and aperture, with a cleaner oppositely placed to the scrubbing-surface and attached to the back of the reservoir, for the purpose mentioned, substantially as herein set forth.
2. In a scrubber and cleaner, the combination of reservoir A, provided with slot *c*, gutters *a*, and *b*, and hole F, apron *g* with scrubbing-pad E, wire frame B, hinged at one end to the end of the reservoir—the reservoir and frame adapted to hold and fasten the scrubbing-pad in attractive contact with the moisture in the reservoir, the rubber cleaner D,

suitably placed and attached to the reservoir, for the purpose mentioned, substantially as set forth.

3. In a scrubber and cleaner, the combination of reservoir A, provided with slot *c*, gutters *a*, and *b*, hole F, and apron *g*, scrubbing-pad E, wire frame B, hinged at one end to the end of the reservoir, the reservoir and frame adapted to hold and fasten the scrubbing-pad in attractive contact with the moisture in the reservoir, the rubber cleaner D, suitably placed and attached to the reservoir, with socket C, adapted to receive a handle to work the scrubber and cleaner, substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

WILLIAM H. HEINZ.

Witnesses:

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