

M. KEITH.
WINDOW CLEANER.
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929,860.

Patented Aug. 3, 1909.

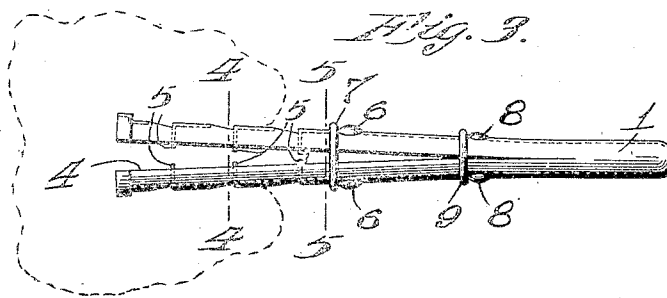
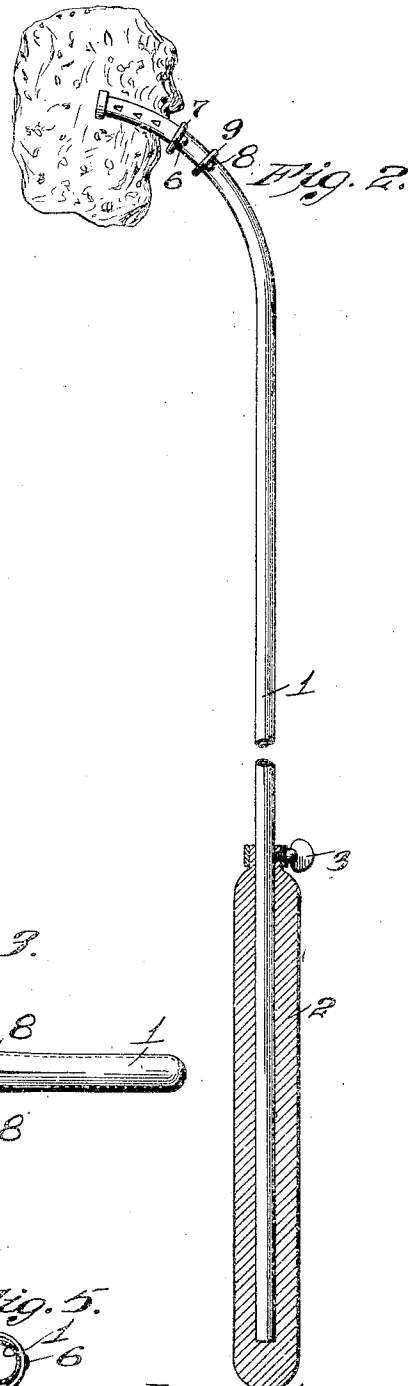
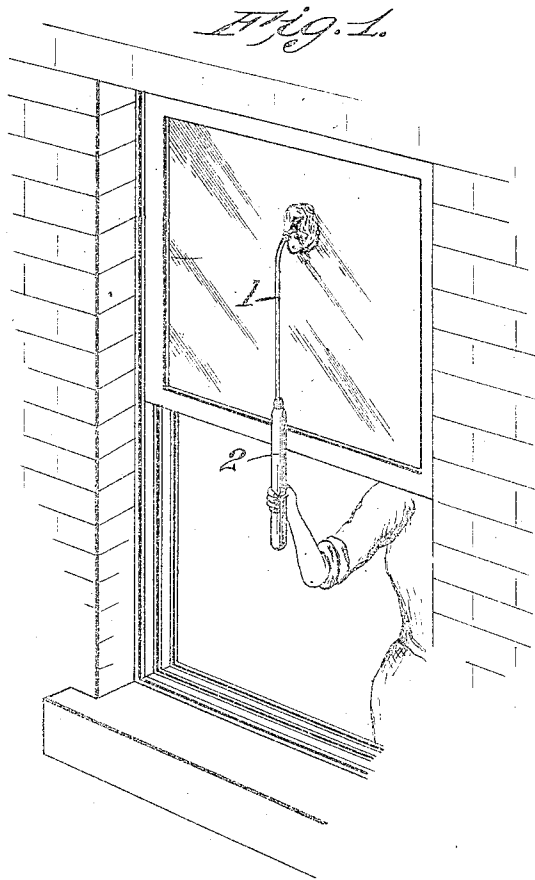


Fig. 4.

attest. 5-4-5
H. C. Fletcher, 4-1
C. R. Wallace.

Fig. 5.

7-4-6
6-4

Inventor.
Marion Keith.
By Sigdon Lorgan.
attys.

UNITED STATES PATENT OFFICE.

MARION KEITH, OF ST. LOUIS, MISSOURI.

WINDOW-CLEANER.

No. 929,860.

Specification of Letters Patent.

Patented Aug. 3, 1909.

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To all whom it may concern:

Be it known that I, MARION KEITH, citizen of the United States, and resident of St. Louis, Missouri, have invented certain new and useful Improvements in Window-Cleaners, of which the following is a specification containing a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

My invention relates to window cleaners, the object of my invention being to construct a simple, inexpensive and durable holder for a sponge, rag or the like, and to provide a handle for said holder of some considerable length, so that the operator need not stand or sit outside the window.

To the above purposes, my invention consists in certain novel features of construction and arrangement of parts, which will be hereinafter more fully set forth, pointed out in the claim and illustrated in the accompanying drawing, in which:

Figure 1 is a perspective view showing the cleaner as in use; Fig. 2 is an elevation partly in section, showing a sponge held in the holder; Fig. 3 is a plan view of the holder showing the sponge in dotted lines with the wooden handle removed; Fig. 4 is a section taken on the line 4—4 of Fig. 3; and, Fig. 5 is a section taken on the line 5—5 of Fig. 3.

Referring by numerals to the accompanying drawings: 1 designates a tubular rod having a hollow handle 2, said rod being adjustable with the handle 2 by means of a set screw 3. The upper end of the rod is bifurcated at 4 to receive a sponge, or the like.

V shaped incisions are stamped from the sides of the tubular rod and the spurs 5 are pressed inwardly to engage the sponge or the like. Bosses 6 are stamped out of the body portion of the rod adapted to engage and hold a retaining ring 7. Similar bosses 8 are struck out of the body portion of the rod adapted to engage and hold a ring 9.

In the operation of the device, assuming that it is used to cleanse an upper sash of a window, the rod 1, and the handle 2 are adjusted longitudinally to the desired length. A sponge or the like is then placed within the bifurcation and the rings 7 and 9 are placed in positions over the bosses 6 and 8, and securely hold the sponge.

I claim:

A window cleaner, comprising a hollow handle, a rod extending into said handle, means for adjusting the rod and handle longitudinally relative each other, the rod being bifurcated at its upper end and normally adapted to spring outwardly, V shaped spurs struck from the body portion of the rod in the bifurcation and extended inwardly to engage a sponge or the like, bosses struck from said body portion of the rod and rings adapted to slide on said rod to be engaged by said bosses.

In testimony whereof, I have signed my name to this specification, in presence of two subscribing witnesses.

MARION KEITH.

Witnesses:

E. E. LONGAN,
E. L. WALLACE.