

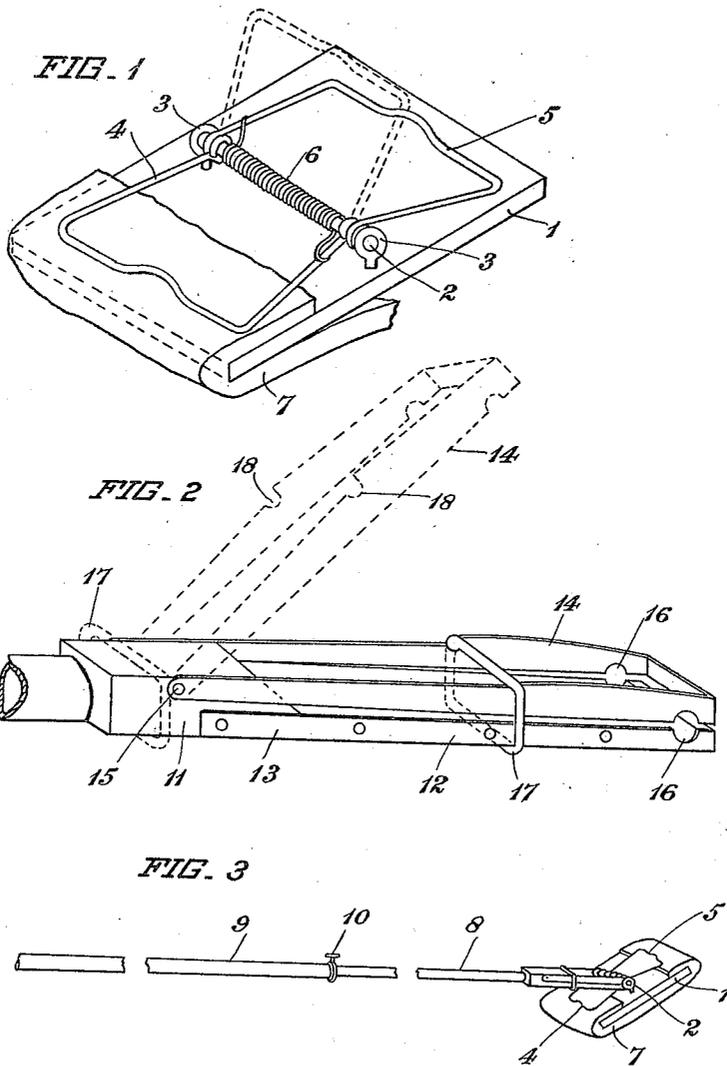
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1,459,255

H. A. PYKE

WINDOW CLEANER

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Inventor
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UNITED STATES PATENT OFFICE.

HAROLD AUGUSTUS PYKE, OF GRAFTON, AUCKLAND, NEW ZEALAND.

WINDOW CLEANER.

Application filed March 29, 1920. Serial No. 369,687.

To all whom it may concern:

Be it known that I, HAROLD AUGUSTUS PYKE, subject of the King of Great Britain, residing at 4 Ligar Street, Grafton, Auckland, New Zealand, have invented a new and useful Improved Window Cleaner; and I do hereby declare the following to be a full, clear, and exact description of the same.

This invention relates to cleaners for windows, walls, and the like, in which a pad, cloth or the like is removably attached upon a base, such base being adapted to be easily attached to and detached from a handle.

The object of the present invention is to construct such a cleaner in a simple form so that the cleaning material may be readily placed in position and removed, and also to provide a handle for use therewith, having means thereon for the quick attachment or detachment of the cleaner proper.

According to this invention, a base or frame of suitable material, such as wood, is provided with two spring clips on the upper side thereof, such clips being mounted upon a rod arranged transversely in eyebolts or brackets, near the respective edges of the base so that the clips extend out to the two ends thereof. The cleaning material is placed beneath the base, the ends thereof folded over the ends of the base and held in position on the base top by the spring clips. The handle, preferably made telescopic is provided at one end with jaws to grip the rod and to hold the cleaner so that it pivots thereon.

The invention is illustrated in the accompanying drawings, wherein:—

Figure 1 is a perspective view of the base and accompanying parts forming the cleaner proper.

Figure 2 is a perspective view showing the end of the handle.

Figure 3 is a view showing the whole cleaner assembled and ready for use.

Referring to the drawings, a flat base plate 1 has a rod 2 arranged transversely and centrally upon its upper side, and held in eyebolts 3 fixed into the base plate 1. Upon this rod 2 clips 4 and 5 are pivoted so as to extend outward towards the respective ends of the base plate. A coil spring 6 located upon the rod 2 has its ends respectively bearing upon and retaining the clips 4 and 5 upon the base 2 with a spring ten-

sion. The material 7 is placed beneath the base plate 1 and its ends folded over and around the respective ends of the plate and then held down by the clips 4 and 5 so that the underneath surface forms the polishing pad.

The handle consists of tubular rods 8 and 9 telescoping one within the other and having a thumb screw 10 to secure them at any desired length. The rod 8 has arranged upon one end thereof a block 11 sloped away at the top to form one jaw 12, which is strengthened by a metal plate 13. Another jaw 14 of metal is pivoted to the block by pins 15 so that it extends along above the top of the block and engages thereon. Each of the jaws has a recess 16 formed therein and adapted to coincide when the jaws are closed. These recesses are also adapted to enclose between them the rod 2 upon the back of the base plate 1.

A collar 17 is provided to encircle the jaws as shewn in Figure 2 and to slide along them, when the jaws are closed, so as to hold them in the closed position, or to free the upper jaw so that it may be raised as shewn by the dotted lines in Figure 2 in order to free the cleaner from the handle. When the jaws are closed upon the rod 2, the cleaner is pivoted to the handle so that it may be freely worked to and fro over a surface while maintaining a flat contact therewith. The link is adapted to spring into recesses 18 formed in the top edges of the jaw 14, when it is moved to the closing position, so that it is then held firmly in such position.

I claim:—

A cleaner for windows and the like, comprising a back, a pivot rod extending across the back, in spaced relation thereto and having its ends connected thereto, clamps pivotally mounted on said rod, a spring on said rod and active on said clamps to cause fabric to be held between said back and clamps, and a handle having spaced elements detachably mounted on said pivot rod.

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

HAROLD AUGUSTUS PYKE.

Witnesses:

DAVID BROWN HUTTON,
JOSEPH STANLEIGH McAVEN.