

O. BETHSOLD.
HAND BRUSH FOR CLEANING GLASSES.
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937,019.

Patented Oct. 12, 1909.

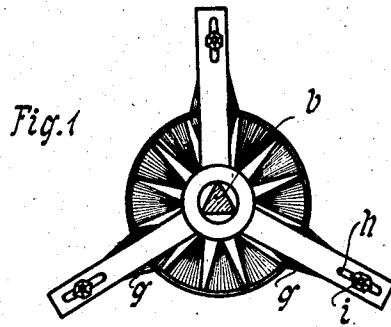


Fig. 2

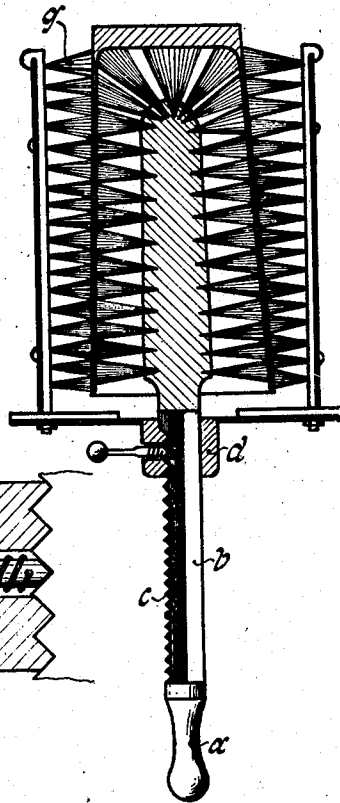
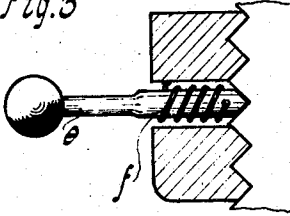


Fig. 3



Witnesses
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UNITED STATES PATENT OFFICE.

OTTO BETHSOLD, OF LÖCKNITZ, NEAR STETTIN, GERMANY.

HAND-BRUSH FOR CLEANING GLASSES.

937,019.

Specification of Letters Patent.

Patented Oct. 12, 1909.

Application filed December 26, 1908. Serial No. 469,469.

To all whom it may concern:

Be it known that I, OTTO BETHSOLD, a subject of the German Emperor, and resident of Löcknitz, near Stettin, Germany, have invented certain new and useful Improvements in Hand-Brushes for Cleaning Glasses, of which the following is a specification.

This invention relates to an improved hand brush for cleaning glasses, which is provided with inner and outer bristles to clean the glass at the same time from the inside and outside.

The object of the invention is to make the arrangement of the outer bristles adjustable in longitudinal as well as in lateral direction, so that glasses of different sizes can be cleaned with the same brush.

The accompanying drawing shows the improved brush.

Figure 1 is a plan, and Fig. 2 a sectional elevation, of the same, with the glass thereon, while Fig. 3 shows on a larger scale the device for adjusting the outer bristle arrangement in longitudinal direction.

The hand brush comprises the handle *a* which carries a triangular rod *b* on which a toothed rack *c* is mounted. The rod *b* carries the brush back *k* with the inner bristles. On the rod *b* a sleeve *d* is movably arranged which carries side-pieces *g*. The latter are provided with slots *h* in which

the brush backs *i* of the outer bristles are secured by means of nuts *j* in such a way that they can be adjusted in a lateral direction. The sleeve *d* is provided with a pawl *e* passing through a hole therein, a coiled spring *f* maintaining the pawl against the rack *c* and thereby fixing the sleeve *d* in any desired position on the rack so as to adjust the outer bristles in longitudinal direction.

Having fully described my invention, what I claim and desire to secure by Letters Patent is:—

A hand brush for cleaning glasses, comprising in combination, a handle, a triangular rod fixed on said handle, the back with the inner bristles fixed on said rod, a toothed rack mounted on said rod, a sleeve movably arranged on said rod, side-pieces fixed on said sleeve and provided with slots, the backs with the outer bristles adjustably arranged in said slots, nuts to fix said backs in said slots, and a spring pawl in said sleeve adapted to fix the latter in any position on said rack, for the purpose set forth.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

OTTO BETHSOLD.

Witnesses:

KARL LINDENBERG,
O. HARDER.