

I. L. LANDIS.  
BRUSH-HANDLE.

No. 186,399.

Patented Jan. 16, 1877.

Fig. 1.

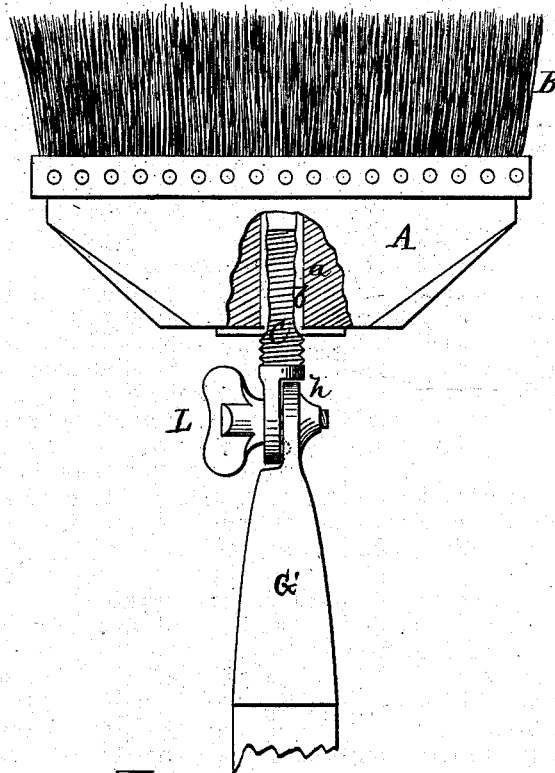
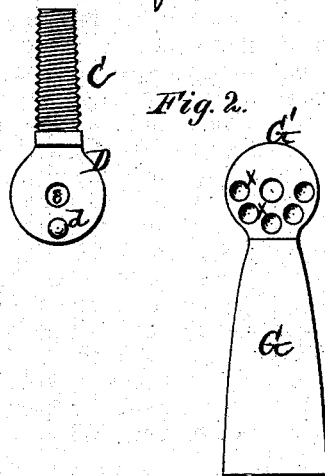


Fig. 2.



WITNESSES  
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# UNITED STATES PATENT OFFICE.

ISRAEL L. LANDIS, OF PHILADELPHIA, PENNSYLVANIA.

## IMPROVEMENT IN BRUSH-HANDLES.

Specification forming part of Letters Patent No. 186,399, dated January 16, 1877; application filed October 11, 1876.

*To all whom it may concern:*

Be it known that I, ISRAEL L. LANDIS, of Philadelphia, in the county of Philadelphia, and in the State of Pennsylvania, have invented certain new and useful Improvements in Brush-Holders; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification:

The nature of my invention consists in the construction and arrangement of an adjustable brush-holder, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a side view of a brush, partly in section, with holder embodying my invention. Fig. 2 shows the holder detached.

A represents the head and B the bristles of an ordinary brush of any suitable construction. In the center of the head A, from the edge, is made a hole, *a*, in which are placed two strips, *b b*, of leather or other suitable material, the outer ends of said strips being fastened to the outer edge of the head, as shown.

C is a screw, which may be made tapering or otherwise, as desired, and is screwed into the hole *a* against the strips *b b*, said strips yielding to the threads of the screw and forming the nut in the brush-head. These strips will accommodate themselves to screws of different thickness, or if the screw should be too small, one or more additional strips may be inserted, as required.

On the outer end of the screw C is formed a disk, D, with central hole E, and a lug or teat, *d*, on its inner face.

G represents a socket for the insertion of

the brush-handle, said socket being formed at its inner end with a disk, G', in the center of which is formed a hub, *h*, having female screw-threads, and on the inner face of the disk are a number of recesses or depressions, *x x*, arranged on a circle, having the hub for its center. L is a thumb-screw passed through the central hole E in the disk D, and screwing into the hub *h*, for fastening the parts firmly together.

It will readily be seen that this brush-holder is capable of being adjusted to any and every angle and direction desired, as the socket can be turned on the joint to set it one way and the brush turning on the screw to set it in the other direction.

I am aware that a brush whose handle is adjustable at one angle with respect to the bristles of the brush is, broadly, not new.

The lateral expansibility of the socket-lining is important where frequent changes of the relative position of the handle to the brush-head are necessary. The edges of the flexible lining do not come closely together; hence a space or spaces are left between.

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

The brush-head A, having opening *a*; the strips *b* of leather or similar material, together forming an incomplete annulus; the tapering screw C, having disk D with lug *d*; the metallic socket G, with disk G', having depressions *x*; and the thumb-screw L, all constructed substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 30th day of September, 1876.

ISRAEL L. LANDIS.

Witnesses:

WM. P. HIRBERD,  
OLIVER EVANS WOODS.