

D. H. MOWEN.
FLY-BRUSH.

No. 185,042.

Patented Dec. 5, 1876.

Fig. 1.

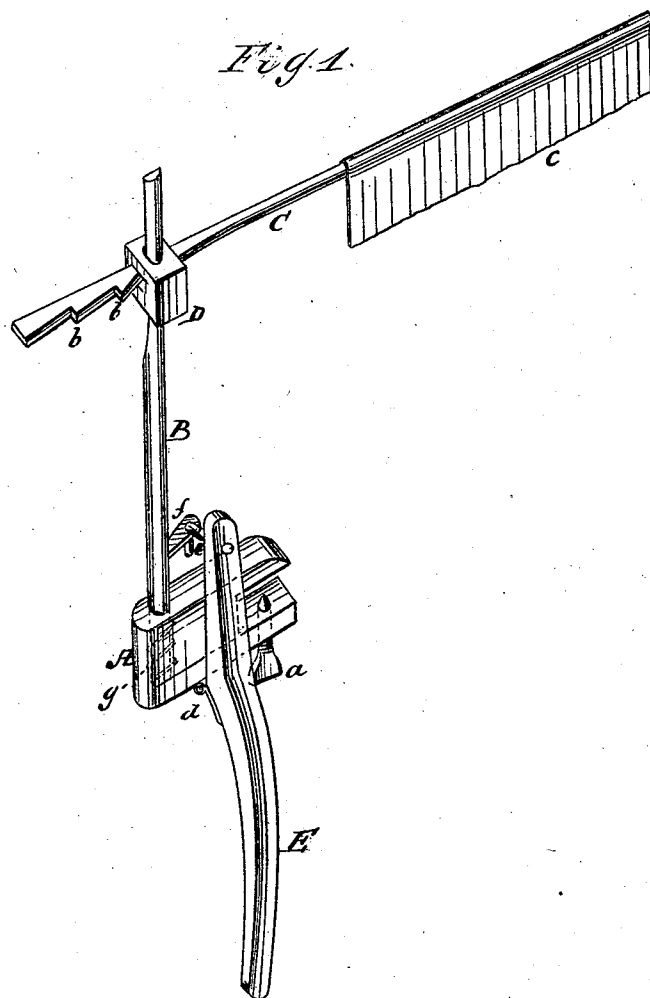
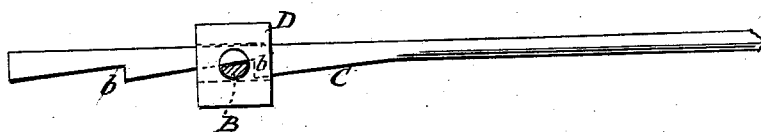


Fig. 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

DANIEL H. MOWEN, OF GREENCASTLE, PENNSYLVANIA.

IMPROVEMENT IN FLY-BRUSHES.

Specification forming part of Letters Patent No. **185,042**, dated December 5, 1876; application filed October 23, 1876.

To all whom it may concern:

Be it known that I, DANIEL H. MOWEN, of Greencastle, in the county of Franklin and State of Pennsylvania, have invented a new and Improved Fly-Brush, of which the following is a specification:

Figure 1 is a perspective view. Fig. 2 is a top view of the brush-arm and shaft.

Similar letters of reference indicate corresponding parts.

My invention consists in the arrangement of a vertical shaft carrying a horizontal brush-arm, a lever for moving the same, and a clamp for attaching it to a table or chair. The said shaft is provided with a spring for returning it to its normal position after it is moved by the lever.

The invention further consists of an adjusting device, by which the brush-arm may be readily adjusted to any height on the vertical shaft, and by which the said arm may be made to project more or less from the vertical shaft.

Referring to the drawing, A is a clamp, which is provided with a screw, *a*, by which it may be attached to a table, chair, or other suitable object. B is a vertical rocking shaft, that is journaled in the clamp A, and is cut away at one side for a short distance at the upper end. D is a block, that is bored to receive the shaft B, and mortised transversely to receive the brush-arm C, which is squared and notched at *b b*, forming a series of wedges, which, being drawn against the flat side of

the shaft B, bind the arm C and block D firmly to the said shaft, so that they move with it. The length of the arm C is adjusted by changing notches *b* in the block D. The brush *c*, attached to the arm C, may be made from paper or other suitable material.

E is a lever, that is hinged to the clamp A at *d*, and connected, by a link, *e*, with an arm, *f*, that is attached to the vertical shaft B. The clamp A is chambered out to receive a spring, *g*, that is attached to the shaft B, for returning it to its normal position after being moved.

The clamp A is secured to the table by means of the screw *a*, and the brush is operated by pressing the knee against the lever E. A slight movement of the knee is sufficient to create motion in the brush *c*, which will effectually drive the flies from the table.

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

1. The combination of the clamp A, vertical shaft B, spring *g*, arm *f*, lever E, link *e*, and brush-arm C, substantially as shown and described.

2. The arm C, having the notches *b*, in combination with the block D and shaft B, substantially as shown and described.

DANIEL H. MOWEN.

Witnesses:

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