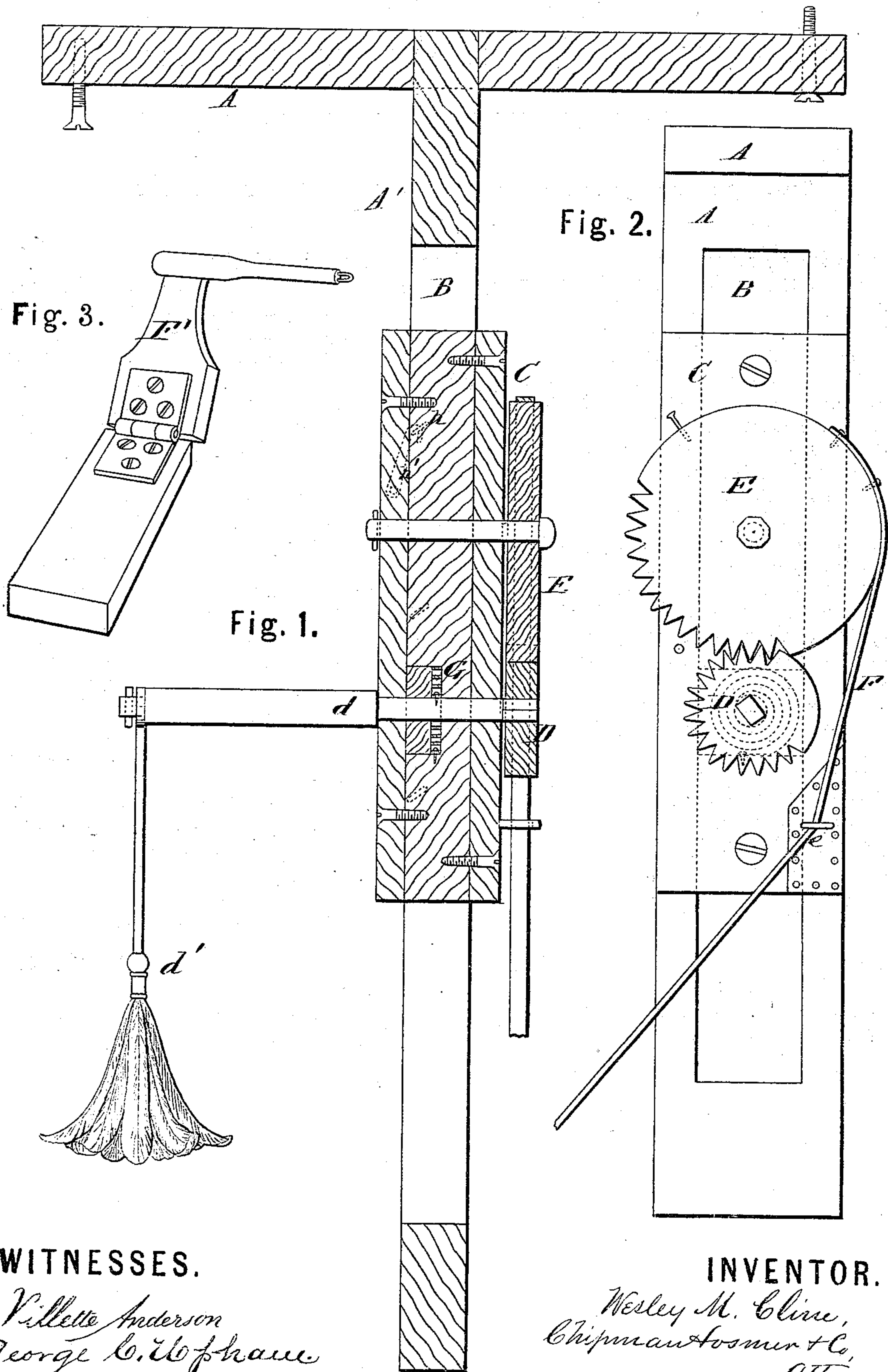


W. M. CLINE.

Improvement in Fly-Brushes.

No. 126,022.

Patented April 23, 1872.



WITNESSES.

Villette Anderson
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INVENTOR.

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UNITED STATES PATENT OFFICE.

WESLEY M. CLINE, OF LILLARD'S MILLS, TENNESSEE.

IMPROVEMENT IN FLY-BRUSHES.

Specification forming part of Letters Patent No. 126,022, dated April 23, 1872.

To all whom it may concern:

Be it known that I, WESLEY M. CLINE, of Lillard's Mills, in the county of Marshall and State of Tennessee, have invented a new and valuable Improvement in Fly-Brushes; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawing making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawing is a representation of a vertical central section of my invention. Fig. 2 is a side view of the same. Fig. 3 is a detail view of the same.

This invention has relation to fly-brushes; and consists in the construction and novel arrangement of devices operated by a treadle, and adapted to give vibratory motion to a fly-brush, which is attached to a frame depending from the ceiling of a room, all as hereinafter described.

In the accompanying drawing, A A' represents a T-shaped frame, attached to the ceiling of a room about the center thereof, or in such a position that a dining-table may be placed underneath it. In the post A' is made a longitudinal slot, B, through which a flanged block, C, is arranged to slide for adjustment. Through said block passes a shaft, *d*, to the outer ends of which is attached the handle of a fly-brush, *d'*. The other end of said shaft holds a wheel, D, having a number of teeth gearing with the teeth of a larger wheel, E,

journaled to the block C. About two-thirds of the periphery of the wheel E is plain. Attached to the plain part is a strap, F, which passes partly around said wheel, and is thence carried down through a staple, *e*, projecting from the block C, and is connected to a treadle, F', lying on the floor in such a position that a person seated at the table may operate it. The brush is raised every time the treadle is depressed. A spring, G, wrapped around the shaft *d*, throws the brush in a reverse direction when the pressure is taken off the treadle. The letter *h* represents a series of staples inserted in the edge of the post A', and designed to receive a hook, *h'*, attached to the sliding block C, and used for the purpose of retaining said block in whatever position it is adjusted.

This device is designed for use in keeping flies off a table during a meal. A fan instead of a brush may, if desired, be attached to the shaft *d*.

What I claim as my invention, and desire to secure by Letters Patent, is—

The toothed wheels E D, treadle F', strap F, spring G, and block C, connected with a pendent arm A' to actuate a fly-brush, substantially as specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

WESLEY M. CLINE.

Witnesses:

WM. GALBRAITH,
J. C. TUNE.