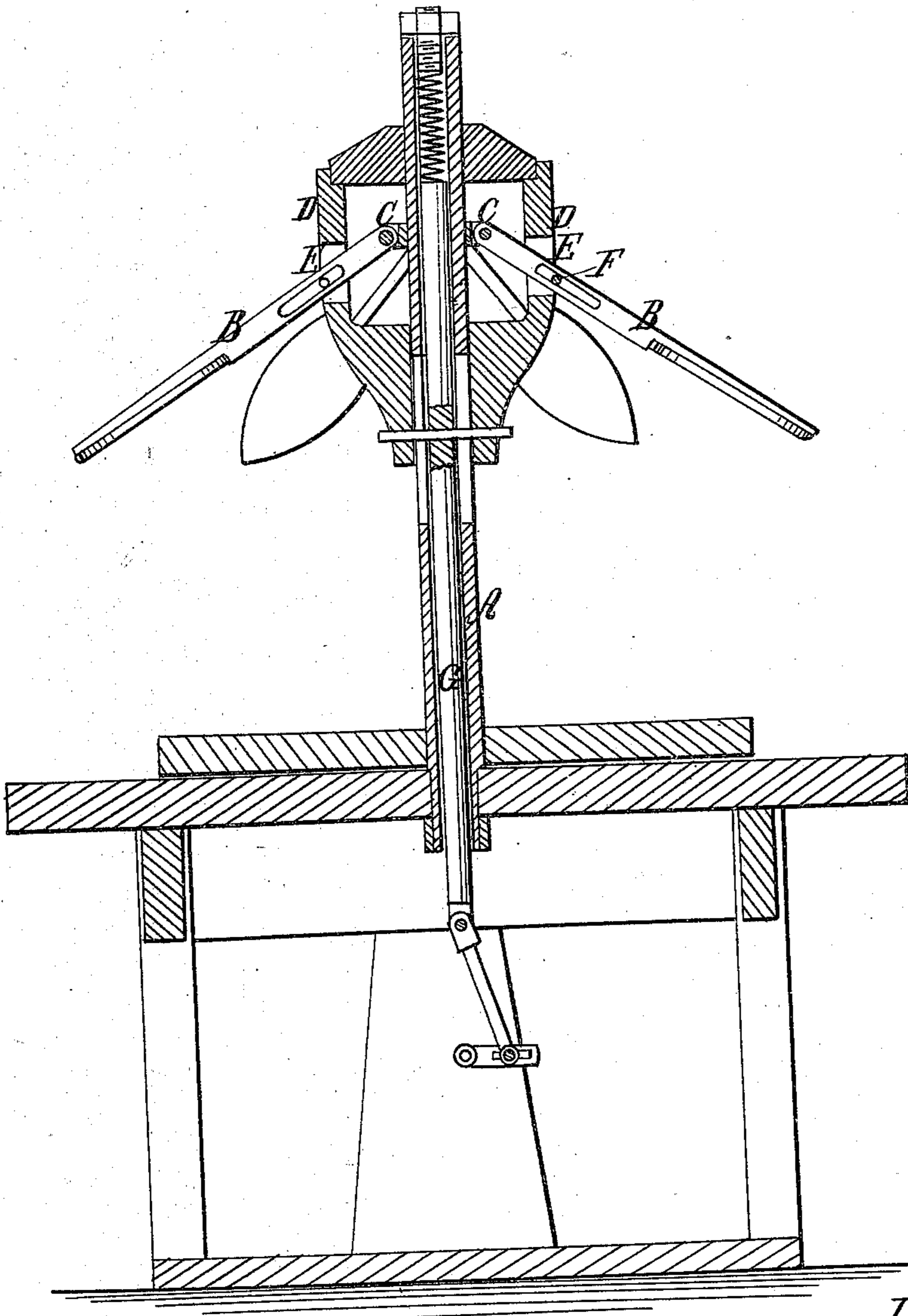


J.E. Mansker,

Fan Attachment.

No. 87,417.

Patented Mar. 2. 1869.



Inventor;

J.E. Mansker

Witnesses;
A. Benneventorf
Wm. A. Morgan

per *Mumford*
Attorneys

United States Patent Office.

J. E. MANSKER, OF CLINTON, LOUISIANA.

Letters Patent No. 87,417, dated March 2, 1869.

IMPROVED FAN-ATTACHMENT FOR TABLES.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, J. E. MANSKER, of Clinton, in the parish of East Feliciana, and State of Louisiana, have invented a new and useful Improvement in Fan-Attachment for Tables; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

This invention relates to improvements in fan-attachments for dining and other tables, to be operated by any suitable weight or spring-mechanism, or by treadles, as may be preferred.

The drawing represents a sectional elevation of my improved apparatus.

For small tables, I propose to provide a tubular support, A, for a suitable number of fans, B, hinged, at the inner ends of their stems, to the said tubular support A, as represented at C.

D represents a hollow hub, or sleeve, provided with a hole through its vertical axis, and arranged to slide freely on the tube A, and having openings through the side, for the stems of the fans, which are slotted at the point where they pass through the said openings; and a wire band, F, tightly fitted around the sleeve, in a groove, passes through the slots in the handles or stems of the fans, and serves as pivots, on which they slide when the sleeve is reciprocated, and by which the vibratory movement is communicated to the fans.

Instead of the wire band, the pivots may be otherwise secured to the sleeve D.

The sleeve D is connected by a stem or rod, G, having a vertical reciprocating movement in the tube A, which may be communicated to it from any suitable means, preferably arranged below the table.

The said rod G thereby communicates the necessary movement to the fans.

A spring, H, may be arranged in the upper end of the tube, either to hold the fans in an elevated position when not working, or to accelerate the upward or downward movement of the same, as preferred.

According to this plan, as many fans as may be preferred, may be suspended from the support A, to fan persons sitting at any point around a square or round table; but, for long tables, instead of the sleeve D, I provide a long, hollow tube, and support it on the tube A, at right angles thereto; and in the direction of the greatest length of the table, and within the said tube, I arrange a long arm to hinge the stems of the fans to, at suitable intervals along its length, the said stems passing through slots in the tube, and being pivoted thereto similarly to the arrangement herein shown, and the said tube being reciprocated as described.

In this manner, I am enabled to adapt a fan-attachment to tables of any form or size, whereby they may be operated by clock-work, treadles operated by the foot, or any other competent power, to fan the persons sitting at the table, and to drive away flies, &c.

Having thus described my invention,

I claim as new, and desire to secure by Letters Patent—

The combination of the tubular support A, reciprocating rod G, and fans B, when the latter are either pivoted to the support A and a hollow sleeve, D, or to a shaft secured to the said support, and a hollow tube, at right angles thereto and sliding thereon, all substantially as and for the purpose specified.

Witnesses:

J. E. MANSKER.

J. SMILEY,

A. J. GORING.