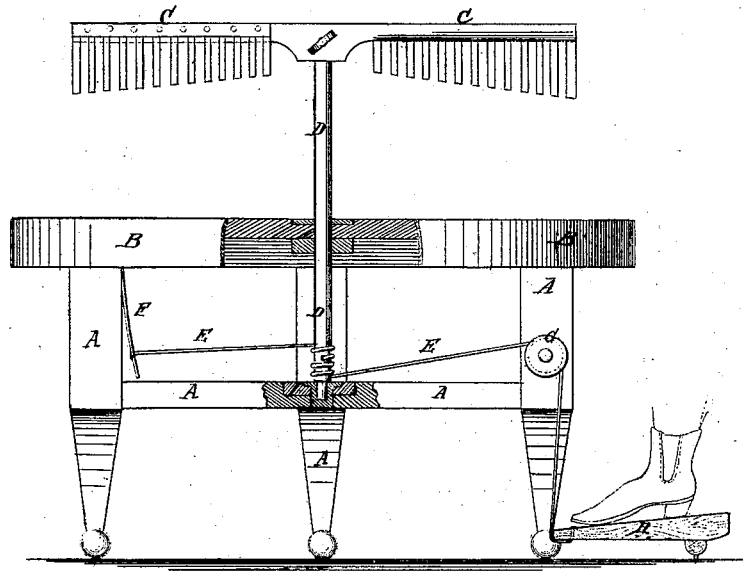


J. C. McEWEN.  
TABLE FAN.

No. 110,381.

Patented Dec. 20, 1870.



Witnesses:

*A. W. Hingrich*  
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# United States Patent Office.

JOSEPH C. McEWEN, OF MICHIGAN, FLORIDA.

Letters Patent No. 110,381, dated December 20, 1870.

## IMPROVEMENT IN TABLE-FANS.

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, JOSEPH C. McEWEN, of Michigan, in the county of Alachua and State of Florida, have invented a new and useful Improvement in Table-Fan; 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 drawing forming part of this specification, in which—

The figure is a detail view of a table to which my improved fan has been attached, part being broken away to show the construction.

My invention has for its object to furnish an improved fan or fly-brush for keeping the flies from the table, and which shall be simple in construction, effective in operation, and easily operated; and

It consists in the construction and combination of the various parts of the device, as hereinafter more fully described.

A is the frame-work, and B is the top of the table, about the construction of which parts there is nothing new.

C is the fan or brush, which is attached, by means of a set-screw, to the upper end of the vertical shaft D, which passes down through the top B of the table, and the lower end of which revolves in a socket in the

cross-bars of the lower part of the frame-work A of the table.

To the lower part of the shaft D is attached a cord, E, which makes one or more turns around said shaft.

One end of the cord E is attached to the lower end of the spring F, the upper end of which is attached to the frame A of the table.

The cord E passes over a guide-pulley, G, pivoted to the frame A of the table, and its other end is attached to the treadle H.

By this construction, by bearing down upon the treadle H the fan or brush will be revolved in one direction, and when the treadle H is released the said fan or brush will be revolved in the other direction by the spring F.

Having thus described my invention,

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

The combination of the fan or brush C, shaft D, cord E, spring F, and treadle H, with each other and with the frame A and top B of a table, substantially as herein shown and described, and for the purpose set forth.

JOSEPH C. McEWEN.

Witnesses:

W. H. GEIGER,  
J. C. MATHERS.