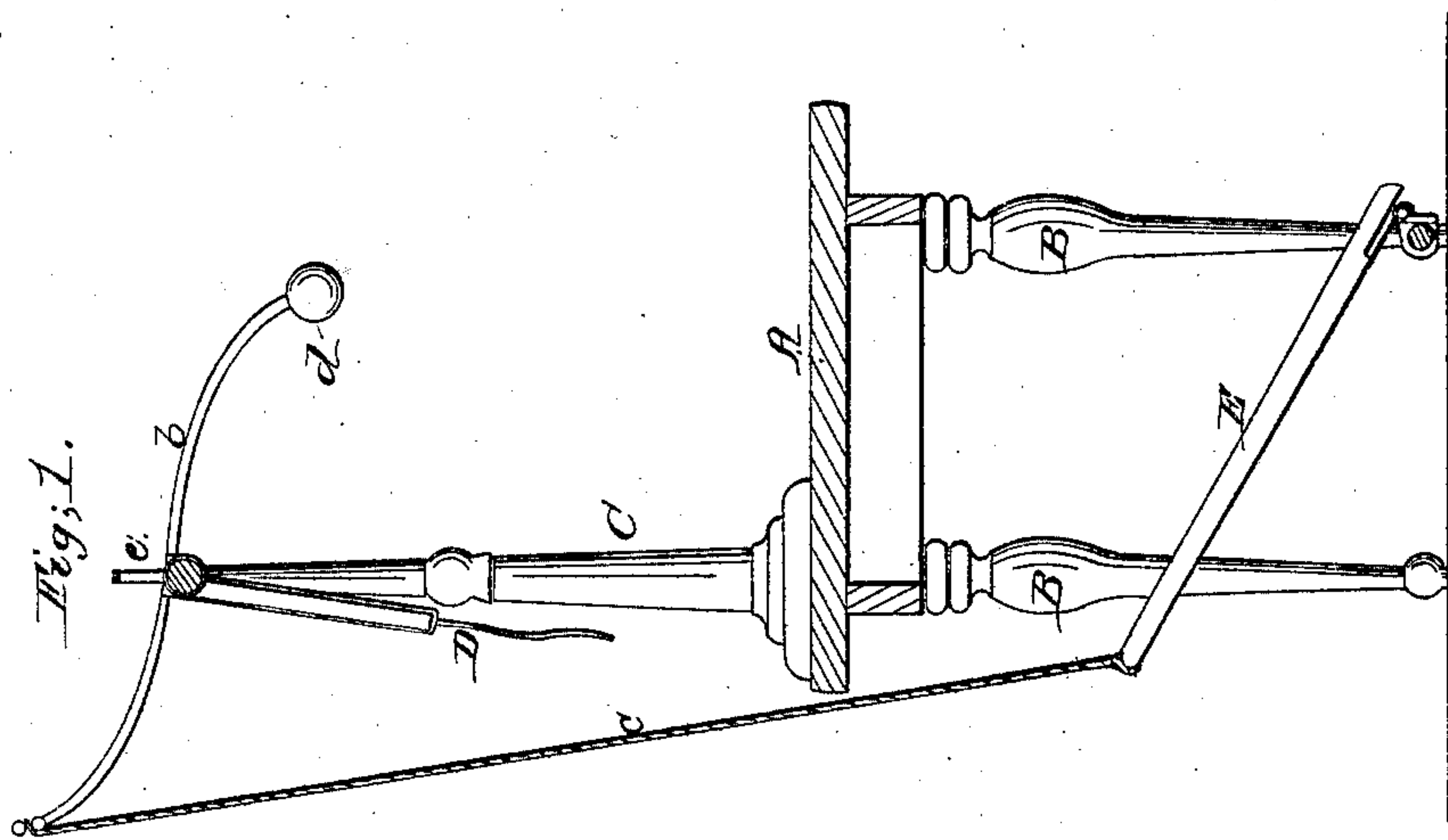
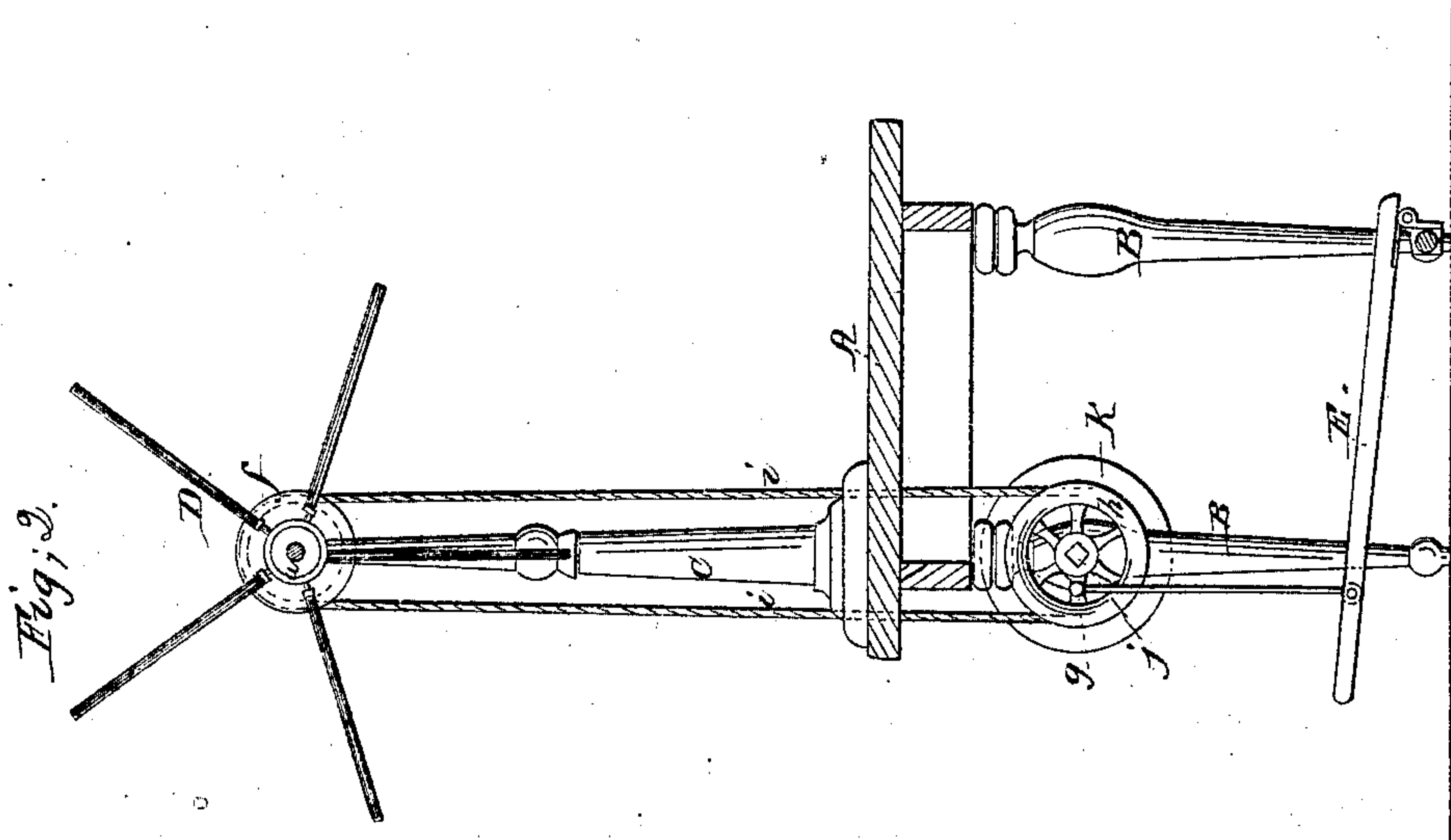


*A. R. Traber,*  
*Rocking-Chair Fan Attachment,*  
*N<sup>o</sup> 31,269.                      Patented Jan. 29, 1861.*



*Witnesses;*  
*J. W. Coombs*  
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# UNITED STATES PATENT OFFICE.

A. RENAUD TRABER, OF ST. MARTINSVILLE, LOUISIANA.

## TABLE-FAN.

Specification of Letters Patent No. 31,269, dated January 29, 1861.

*To all whom it may concern:*

Be it known that I, A. RENAUD TRABER, of St. Martinsville, in the parish of St. Martins and State of Louisiana, have invented a new and Improved Fan; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing, making a part of this specification, in which—

Figure 1 represents a transverse vertical section of my invention. Fig. 2 is a similar section of a modification of the same.

Similar letters of reference in both views indicate corresponding parts.

The object of this invention is to provide the means for producing a draft in any room in which it may be desired or in any particular portion of a room, and to allow at the same time that the person engaged in operating the fan can do this with perfect ease and use the hands for some other occupation, the operation of the fan requiring only a small exertion of the feet. To effect this purpose an oscillating or a rotary fan is secured to a shaft which has its bearings in two standards rising from the top of a table, and to which the required motion is imparted by means of a treadle in such a manner that the table with the fan can be removed without difficulty to the desired place, and that the person engaged in operating the fan can do this while sitting before the table, and employing the hands for some other purpose.

To enable those skilled in the art to make and use my invention I will proceed to describe its construction and operation, with reference to the drawing.

A represents a table supported by legs B, in the ordinary manner. From the top of the table rise two standards C, being secured to said table top by means of screws, or in any other suitable manner. These standards form the bearings for a shaft *a*, to which the fan D, is secured. This fan may either be constructed with one wing, as represented in Fig. 1, or with several wings, as represented in Fig. 2.

When the fan is constructed with one wing, an oscillating motion is imparted to the shaft *a*, by connecting an arm *b*, by means of a cord *c*, with a treadle E, which is arranged under the table. The arm *b*, is

firmly secured to the shaft *a*, and the cord *c*, is secured to one of its ends, its opposite end being loaded with a weight *d*, so that, if the fan is turned up in one direction by the action of the treadle, the weight *d*, causes it to descend with sufficient velocity to produce a sensible draft and to cause the fan to rise in the opposite direction, and to assume, through the alternate action of the treadle and of the weight, a regular pendulum motion. A guard *e*, which is secured to the top ends of the standards C, prevents the fan moving up any higher than desirable. If, on the other hand, the fan is constructed with several wings as shown in Fig. 2, a pulley *f*, is secured to the end of the shaft *a*, and the treadle is connected by means of an ordinary shackle bar with an eccentric wrist pin *g*, secured to the side of a pulley *h*, which connects by a belt or cord *i*, with the pulley *f*. The pulley *h*, is secured to an arbor *j*, that has its bearing in one of the legs of the table, and which bears a fly-wheel *k*, for the purpose of equalizing the motion of the fan. In this case the fan receives a continuous rotary motion and the current of air produced by the same, depends upon the size of the wings, and upon the velocity with which it is rotated. In both cases the table A, can be easily moved to the spot where it is desired to create a draft, and a person sitting or standing before the table is enabled to operate the fan simply by the aid of one foot. The hands of the operator are entirely unoccupied and may be turned to some other useful occupation.

If desired the fan may be made with a separate stand detached from the table so that it can be moved from one table to another like a lamp.

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

The arrangement of the fan D, in combination with the standards C, table A, and treadle E, constructed and operating substantially in the manner and for the purpose set forth.

A. RENAUD TRABER.

Witnesses:

E. GARY,  
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